Editorial Index

Industry Week

VOLUMES 194 & 195

July 1 through December 31, 1977

Subject Index 3

Company Index 18

Published by
Penton/IPC
Subsidiary of Pittway Corp.
PENTON PLAZA, CLEVELAND, OHIO 44114

SUBJECT INDEX

A

A-300 Airbus:
Manager on the spot—Fate of foreign airliner falls on a Yankee, 8/29, p. 50

Absenteeism:
A doctor a day keeps the worker away, 7/18, p. 11

Accidents:
Predicting soil shifts cuts excavation accidents, 8/1, p. 31

Accounting:
Accounting debate—outcome promises controversy, 12/5, p. 41

Acquisitions: See Mergers & Acquisitions

Advertising:
Advertisers struggle to shun TV violence, 9/12, p. 27
Industry is becoming a theme park attraction, 8/1, p. 28

Advisory Committees:
Carter gets tough on advisory panels, 7/4, p. 93

Aerospace Industry:
Aerospace strike talks hit many snags, 10/24, p. 24
Aerospace unions seek pension extensions, 8/15, p. 86
Disharmony continues in aerospace talks, 12/5, p. 23
Two firms seek cruise missile funds, 7/18, p. 87

Age:
Is retirement at 65 arbitrary and unfair? 7/4, p. 32
Will age law changes affect benefit plans? 9/12, p. 15

Air:
A vote for dirty air—or more steel jobs? 11/21, p. 16
Canadian powerplant stirs border skirmish, 9/12, p. 154
Clean-air compromise: 'half a loaf' for industry, 8/15, p. 17
Coal emissions get some cleanup attention, 8/15, p. 37
Costly surprises await utilities, 9/12, p. 15
Even EPA's confused by clean air changes, 11/21, p. 33
Scrubbers costly clean-air systems that work . . . sometimes, 10/24, p. 66
Who pays for smog holidays? 7/18, p. 11
Will air officials 'allocate' growth? 7/4, p. 25
Will Sohio clean up California powerplant? 10/24, p. 15

Air Bags:
Passive restraints: active controversy? 7/18, p. 88

Air Conditioners:
Take some heat off air conditioning bills, 7/4, p. 12

Air Cylinders:
Eliminates lube needs for air cylinders, 10/10, p. 42

Air Freight:
Shipping small parcels becomes big business, 10/10, p. 110

Air Pollution Control Assn.:
Will air officials 'allocate' growth? 7/4, p. 25

Air Services Agreement:
Air pact details ready by July 31, 7/18, p. 102

Aircraft:
All-cargo airline deregulation O.K.'d, 11/21, p. 109

Airlines:
Air pact details ready by July 31, 7/18, p. 102
Are you an executive who hates to fly? 9/26, p. 12
Flying made 'simple,' 9/12, p. 12
Manager on the spot—Fate of foreign airliner falls on a Yankee, 8/29, p. 50
New York-London bargain fares, 8/29, p. 12
Shipping small parcels becomes big business, 10/10, p. 110
The fare picture, 8/1, p. 12
Viewpoint—"Unless airline earnings improve, the system we know today will begin to deteriorate," 10/10, p. 105

Akron, Ohio:
Did union's 'success' dethrone Akron's 'king'? 11/21, p. 70

Alaska:
Alaska gas plans get antitrust O.K., 8/29, p. 69
Alaska oil line done, but questions persist, 7/4, p. 26
Alaska oil traffic aids shipbuilders, 8/29, p. 60
Alcan gas line route gets boost, 7/18, p. 102
Will tank car trains move Alaskan crude? 10/24, p. 31

Alcan Gas Line:
Alcan gas line route gets boost, 7/18, p. 102

Alcoholism:
Heavy drinking hits women harder, 8/29, p. 12

Algae:
Israelis make glycerol from algae, 9/26, p. 34

Algeria:
Algerian LNG proposed gains, 11/21, p. 117

Aliens:
Alien worker law unlikely in 1977, 8/15, p. 16

America: See United States

AFL-CIO:
A second try for labor law reform, 7/18, p. 19
Minimum wage drive losing steam, 7/18, p. 82
No AFL-CIO changes before December, 7/18, p. 15
UAW leaves AFL-CIO at the altar again, 10/24, p. 16

American Gas Assn.:
Industrial gas tax called ineffective, 7/4, p. 15

American Management Assns.:
What should you pay office workers? 8/29, p. 11
Where to get management training, 10/24, p. 11

American National Standards Institute Inc.:
Small firms get more standards input, 10/24, p. 11

American Society of Personnel Administrators:
Is there still room for bold managers? 12/5, p. 52
'Personnel' responds to management's crisis, 7/4, p. 24

American Welding Society Inc.:
Certify welders to ensure quality, 11/21, p. 11

Amtrak:
Now's your chance, 12/5, p. 12
The fare picture, 8/1, p. 12

Amusement Parks:
Industry is becoming a theme park attraction, 8/1, p. 28
Management Leisure Time—Going to an amusement park? 8/15, p. 76

Animals:
Updates, 11/7, p. 11

Annual Reports:
Slick trick to boost annual report readership, 9/26, p. 11
Updates, 10/10, p. 11

Antitrust:
A possible update for Sherman, 8/15, p. 97
Alaska gas plans get antitrust O.K., 8/29, p. 69
Another thorn for multinationals, 8/29, p. 70
Antitrust overturn future uncertain, 11/7, p. 109
More antitrust cases will go to trial, 7/4, p. 16
Price-fix crackdown pace may accelerate, 10/10, p. 32
Shenefield sets new antitrust priorities, 12/5, p. 19
Viewpoint—"As antitrust enforcers . . .," 7/18, p. 36

Anxiety:
Managing in an age of anxiety, 10/24, p. 52

Apparel: See Clothing & Apparel

Apparel Industry:
Little change in textile, apparel import formula, 8/1, p. 19
New device measures 'feel' of fabric, 8/15, p. 36

Appliances:
Appliance sales up, no thanks to energy, 9/12, p. 139
Cut electric bills with small appliances, 8/15, p. 12

Appraisal Systems:
Harsh appraisal of appraisal systems, 11/7, p. 11

Area Development:
Do states neglect old plants for new? 7/4, p. 40

Argentina:
Argentina invites oil exploration, 10/24, p. 102
Argentina lifts more trade curbs, 9/12, p. 154

Associated Builders & Contractors:
West Coast tradesmen still set wage pace, 9/26, p. 26

Assn. of Home Appliance Manufacturers:
Manager on the spot—Amana's George Foerstner rocks appliance industry, 8/15, p. 44

Atoms:
Photos of single atoms, 7/18, p. 38

Auctions:
Now's your chance, 12/5, p. 12

Audio Equipment:
Updates, 10/10, p. 11

Australia:
Aussies encourage oil, gas searches, 9/26, p. 94
Australia hopes for money flow, 8/1, p. 78

Automation:
Automatic factory: management challenge, 11/21, p. 25
Management Leisure Time—Automation makes good photography easy, 9/12, p. 124

Automotive:
AMC, UAW to try for new pact, 9/12, p. 15
AMC workers move closer to Big Three, 9/26, p. 15
Auto engineers expand unified number system, 8/15, p. 37
Auto startup back to 'normal,' 8/15, p. 19
Automakers ready to meet fuel standards, 8/1, p. 29
Can Concord trigger comeback for AMC? 9/12, p. 134
Car expenses up? just barely, 7/18, p. 12
Congress' delay starts to snarl auto output, 7/4, p. 15
Crackdown coming on auto warranties? 11/21, p. 26
Diesel-powered autos: a boom or a fad? 11/21, p. 99
Do smaller U. S. cars fit world markets? 10/24, p. 22
Economy's peaks, valleys level out, 10/24, p. 77
Exports up, but Japan recovery still ragged, 7/18, p. 97
Fast, accurate control of polymer quality, 11/21, p. 42
Ford joins GM in two-tiered price plan, 10/24, p. 15
Get your two-cents' worth, 10/24, p. 12
Honda plant for Ohio? 10/10, p. 15
Honda will build auto plant in Ohio, 11/7, p. 15
Leaner cars crowd mid-size market, 9/26, p. 74
Manager on the spot—A corporate captain calls for more candor, 8/1, p. 46
Manager on the spot—An embattled auto veteran refuses to knuckle under, 11/21, p. 80
Manager on the spot—Complying with regulators demands new 'steering' skills, 10/24, p. 61
New car shopping—by the mile, 11/7, p. 12
No big Japan auto push, 11/21, p. 118
One way to automate large part production, 10/10, p. 41
Passive restraints: active controversy? 7/18, p. 88
Plastics are inherently stronger than steel, 8/15, p. 37
Radial tires remember, but do you? 11/7, p. 12
Shifts from castings boost forging outlook, 8/15, p. 92
'Sizzling' sales for light trucks, vans, 7/4, p. 87
Sputtering may cut auto grill cost in half, 11/7, p. 38
Tire stocks run flat, 9/26, p. 12
Tiremakers enter fuel-economy race, 8/15, p. 92
U.S. subcompacts can win against imports, 12/5, p. 15
VW Rabbits may multiply in 1979, 10/24, p. 16
Will an auto firm buy this fuel saver? 7/18, p. 37
Will steel, autos follow radios and TVs? 10/10, p. 9

Awards:
A salute to CEOs, 11/7, p. 9
Bridging an environmental gap, 12/5, p. 11
Excellence in Management Awards—Profile of a winner, 11/7, p. 53

B

Backpacking:
Management Leisure Time—Want to pack it in? 10/10, p. 89

Banks, Banking:
Companies set new standards for banks, 7/4, p. 56
Schmidt has economic support in Basel, 7/18, p. 102

Spending to spur short-term credit use, 8/1, p. 66

Bargaining:
A 'coal embargo' shapes up for fall, 7/4, p. 17
A trade trio for Geneva, 9/26, p. 94
Aerospace strike talks hit many snags, 10/24, p. 24
Aerospace unions seek pension extensions, 8/15, p. 86
AMC, UAW to try for new pact, 9/12, p. 15
Canmaker labor talks should go smoothly, 9/12, p. 21
Container contract beats steel, aluminum on security gains, 11/21, p. 16
Container issue haunts dockworker strike, 10/10, p. 31
Difficulties likely in lead, zinc bargaining, 8/15, p. 24
Disharmony continues in aerospace talks, 12/5, p. 23
Job security is phone workers' goal, 7/4, p. 31
Long strike likely as coal pact nears end, 11/21, p. 19
Paper pact suggests nationwide patterns, 8/15, p. 16
Quick copper pact drops metal's price, 7/18, p. 19
Railroads unveil negotiation strategy, 7/4, p. 16
Shippers finally offer more to dockworkers, 12/5, p. 23
Trucking industry split won't last, 9/26, p. 31
Viewpoint—". . . The institution of collective bargaining. . . ." 8/29, p. 62
West Coast tradesmen still set wage pace, 9/26, p. 26
Why Marshall stays out of disputes, 11/21, p. 117

Bargains:
Bargain-hunting, 10/24, p. 12

Barges:
Record growth looms for barge operators, 7/4, p. 80

Batteries:
Dime-size battery gives twice the life, 9/26, p. 34
NASA invents a way to extend Ni-Cad life, 7/4, p. 36

Bearings:
Bearings fare well despite imports, 9/26, p. 88

Behavioral Science:
TV science: the effect on children, 9/12, p. 12

Best Available Technology:
Now, three kinds of water pollution, 12/5, p. 15
Water pollution law . . . Congress concedes some 'mid-course corrections,' 11/21, p. 17

Bicycles:
Time-honored fuel saver, 9/12, p. 11

Bidwell, Bennett E.:
Manager on the spot—Complying with regulators demands new 'steering' skills, 10/24, p. 61

Bingham, Eula (Dr.):
OSHA moves on substance standards, 7/4, p. 15

Bioassay:
Test method assesses chemical hazards, 7/4, p. 34

Biosurfactants:
Microbes could release sand-bound oil, 7/4, p. 34

Bituminous Coal Operators Assn.:
Miller retains UMWA leadership, 10/24, p. 16

Blindness:
Updates, 10/10, p. 11

Blood Vessels:
Artificial blood vessels look promising, 7/18, p. 12

Board of Directors:
Corporate boards flex their muscle, 9/26, p. 16
Removing cobwebs from boardrooms, 7/18, p. 58

Boardrooms:
Removing cobwebs from boardrooms, 7/18, p. 58

Boilers:
Chemical aids fly ash entrapment for boilers, 8/15, p. 36

Bonds:
Bond market still open to lower-rated firms, 8/15, p. 86
Guide to tax-free bonds, 8/1, p. 12

Bookcase: See Publications

Boots: See Shoes & Boots

Boron:
Boron aids diffusion brazing techniques, 10/24, p. 33

Borrowing:
Don't borrow eggs from one basket, 8/29, p. 11

Bosworth, Barry L. (Dr.):
Bosworth is no empire builder, 9/26, p. 93
Use COWPS or kill it, new director urges, 9/12, p. 23

Boycotts:
Boycott law has 'sleeper' provisions, 7/18, p. 101

Brass:
Continuous brass caster for large cross sections, 10/10, p. 42

Brazil:
Mexican, Brazil laws work against investors, 10/10, p. 118

Brazing:
Boron aids diffusion brazing techniques, 10/24, p. 33

Breeder Reactor:
France leads Europe's breeder reactor push, 8/1, p. 78

Bribery:
Bribes expedite goods past Europe's borders, 10/10, p. 118

Brokers:
Brokers selling new wares to industry, too, 7/4, p. 75

Budgets, Budgeting:
'81 budget goal good, but '78 actions bad, 7/4, p. 93

Building:
Japan will challenge U.S. builders, 10/10, p. 118
Major builders fight local construction 'tax,' 9/12, p. 32
Metal builders predict more stable expansion, 8/1, p. 68

Building Materials:
Substitutes help curb building material shortages, 8/29, p. 29

Bulbs:
New light bulb runs on 60% less current, 8/29, p. 27

"Bullish on America":
Bulls are winning, 8/15, p. 16

Buses:
Hydrogen-powered bus gets California test, 11/7, p. 43

Business Economy (Foreign):
Britain displays a bit of growth, 7/18, p. 102
Debt is behind likely East-West slowdown, 8/15, p. 98
Exports up, but Japan recovery still ragged, 7/18, p. 97
Germany sets 1978 growth plans, 10/10, p. 118
Germany trims its growthline, 8/1, p. 78
Prescription renewed for Fukuda medicine, 8/1, p. 67
Schmidt has economic support in Basel, 7/18, p. 102
Soviet economy will suffer, CIA says, 8/29, p. 70
Spain knocks at Europe's door, 11/7, p. 72
World wage pacts are encouraging, 8/15, p. 98

Business Economy (U.S.):
Amid good news, why the gloom? 8/29, p. 59
Basic trends in economy unchanged, 10/10, p. 93
Bull market? Investors uncertain, 7/4, p. 12
Business barometers better balanced, 9/12, p. 129
Business' growth to become less intense, 7/18, p. 77
Business investment: more signs of an upturn, 8/1, p. 65
Capital investment adds strength to outlook, 7/4, p. 73
Carter economic goals out of reach? 8/29, p. 13
Economists view '78: no wreck, but no record, 10/10, p. 97
Economy begins to wind down, 11/7, p. 89
Economy growing above 'potential', 12/5, p. 93
Economy's pace to nudge up interest rates, 7/18, p. 81
Economy's peaks, valleys level out, 10/24, p. 77
'81 budget goal good, but '78 actions bad, 7/4, p. 93
Executives view '78 with caution, 12/5, p. 98
For '78 business, a gradual letdown, 7/4, p. 69
Incomes outdone by tax-flation, 9/26, p. 73
Inventories to 'let down' economy gradually, 9/12, p. 133
Is California a good place to do business? 8/15, p. 32
JEC splits on money, 10/10, p. 117
Lower unemployment; stubborn inflation, 8/1, p. 14
Money growth poses new worries, 11/7, p. 95
More to outlook than numbers, 11/21, p. 9
Most sectors to share tapering growth, 8/15, p. 77
Planning for the next downturn, 8/1, p. 11
Quick tax cut gains supporters, 12/5, p. 97
R&D spending on rise, 8/1, p. 14
Retail slowdown paces other sectors, 11/21, p. 93
Shipments pace shows seasonal drop, 8/1, p. 76
Slowdown—not a halt—lies ahead, 8/1, p. 61
Some lights in economic 'fog,' 9/26, p. 69
Trade deficit shades outlook, 10/24, p. 81
Trio hits problems of no-growth plans, 7/4, p. 87
Uncertainty clouds outlook, 11/21, p. 61
Viewpoint—"Economic growth is an essential precondition for the creation of a more equal society," 9/12, p. 139
White House slates winter economic meet, 10/10, p. 117
Will America's prosperity formula keep on working? 8/1, p. 58
Will Commerce Dept. remain a 'bystander'? 7/4, p. 18
Worry spreads over prosperity's life span, 8/15, p. 83

Business Gifts:
Do companies 'help' Santa? 12/5, p. 24

Business Image:
Viewpoint—". . . an anti-business attitude has no constituency in this Administration," 7/18, p. 90

Business Interests:
Business gets its lobbying act together, 12/5, p. 66

Business Relocation:
Business booming for Mexican border plants, 12/5, p. 26
Raising a new plant—it takes more than a green thumb, 12/5, p. 46
Viewpoint—"There is the allegation that much geographical redistribution of employment is the result of firms migrating," 12/5, p. 105

Business Roundtable:
Business gets its lobbying act together, 12/5, p. 66

Business Schools:
Stanford rates as 'best MBA' again, 12/5, p. 11

Business vs Social & Domestic:
Adding insult to injury, 8/29, p. 9
Commerce readies social measurement, 11/7, p. 16
Minneapolis 5% Club beautifies profits, 9/12, p. 48
Viewpoint—"Evaluation of management performance ought to include consideration of corporate social contribution," 11/21, p. 108
You're a part of society, too! 7/4, p. 9

Buyouts:
Leveraged buyout activity still strong, 11/21, p. 97

C

California:
Is California a good place to do business? 8/15, p. 32
Who pays for smog holidays? 7/18, p. 11

Campbell, Walter J.:
Life after work, 9/12, p. 110

Camping:
If any old campground isn't good enough . . ., 10/10, p. 12

Canada:
Alcan gas line route gets boost, 7/18, p. 102
Canadian powerplant stirs border skirmish, 9/12, p. 154
El Paso drops Alaska gas line bid, 10/10, p. 15
Fight or retreat? Quebec industry ponders 'francization,' 10/10, p. 46
Quebec sets French Rules, 9/12, p. 154

Cancer:
Who's polluting your 'environment'? 7/4, p. 12

Cans:
Canmaker labor talks should go smoothly, 9/12, p. 21

Capacitors:
Perfluorocarbon increases capacitor efficiency, 9/25, p. 34

Capital Investment:
Capacity plans pick up for some paper lines, 10/24, p. 89
Capital investment adds strength to outlook, 7/4, p. 73

Capital Spending:
Bull market? Investors uncertain, 7/4, p. 12
Business investment: more signs of an upturn, 8/1, p. 65
Economists view '78: no wreck, but no record, 10/10, p. 97
R&D spending on rise, 8/1, p. 14
Some lights in economic 'fog,' 9/26, p. 69
Spending to spur short-term credit use, 8/1, p. 66

Carbon:
Lignite pares cost of treating sewage, 7/18, p. 38

Carcinogens:
Litigation will stall OSHA toxic standards, 10/24; p. 15
OSHA moves on substance standards, 7/4, p. 15

Careers:
How clothes shape your future, 10/10, p. 52

Cargo:
All-cargo airline deregulation O.K.'d, 11/21, p. 109

Cargo Preferences:
Carter compromises on cargo preference, 7/18, p. 101

Carpets:
Postwar baby boom boosts carpet sales, 9/12, p. 148

Carter Administration:
Alien worker law unlikely in 1977, 8/15, p. 16
Bosworth is no empire builder, 9/26, p. 93
Business blasts Carter's labor bill, 8/15, p. 19
Carter compromises on cargo preferences, 7/18, p. 101
Carter economic goals out of reach? 8/29, p. 13
Carter's energy plan inching through Congress, 7/18, p. 17
Carter gets tough on advisory panels, 7/4, p. 93
Carter kills Japan oil swap, 8/1, p. 13
Carter's O. K. creates strip mining law, 8/1, p. 14
Carter still trying on consumer bill, 8/15, p. 97
Cleanup credit chances slim—now, 7/18, p. 101
DISC and double tax likely to go, 8/1, p. 77
'81 budget goal good, but '78 actions bad, 7/4, p. 93
Energy Act rushes toward Senate floor, 9/26, p. 25
Energy dominates Congress' calendar, 8/20, p. 20
Environmentalist rejected for CEQ, 11/7, p. 109
Federal pay to climb again? 8/1, p. 77
Germany toughens merger policy, 8/15, p. 98
How Labor's Marshall will cut unemployment, 8/15, p. 84
In simple terms, 8/1, p. 9
In tax reform . . . Business wants capital formation incentives, 9/12, p. 17
Keeping Congress up on trade, 9/12, p. 153
Manager on the spot—Can OMB's Bert Lance manage it? 7/4, p. 37
Marshall has labor problems, 9/12, p. 153
McIntyre most likely for Lance's post, 11/21, p. 117
McIntyre stays as acting OMB chief, 10/24, p. 101
Private-sector work: welfare reform key, 8/1, p. 77
Rockwell man gets No. 3 energy post, 10/10, p. 16
Shenefield sets new antitrust priorities, 12/5, p. 19
Statistical unit 'goes public,' 12/5, p. 28
Tougher conflict rules being readied, 10/10, p. 117
Unemployment study to take some time, 8/29, p. 13
Washington pressured by steel's troubles, 10/10, p. 24
Will Carter seek new trade aid? 12/5, p. 118
Will Strauss overplay his trade hand? 8/15, p. 98

Castings:
Shifts from castings boost forging outlook, 8/15, p. 92

Cement:
Sulfur strengthens cement, 10/10, p. 42

Census of Manufactures:
Drawing a new U. S. economic picture, 9/26, p. 74

Central Intelligence Agency:
Soviet economy will suffer, CIA says, 8/29, p. 70

Ceramics:
Ceramic burner cuts fuel use 50%, 9/26, p. 36
Molten carbonate fuel cell shows promise, 11/7, p. 43

Chamber of Commerce:
Chamber asks U. S. pullout from ILO, 10/24, p. 102
NAM under Larry: more political action: 8/15, p. 26

Chapin, Roy D.:
Manager on the spot—An embattled auto veteran refuses to knuckle under, 11/21, p. 80

Checks:
Check coding foils copier counterfeiters, 8/29, p. 28

Chemical Industry:
It looks like a long toxic chemical battle, 8/1, p. 26
Oil recovery techniques get new look, 7/18, p. 47
Will toxic rulemaking stifle industry's voice? 7/18, p. 16

Chemicals:
Chemical aids fly ash entrapment for boilers, 8/15, p. 36
Chemical converts sunlight into fuel, 10/24, p. 36
New light bulb runs on 60% less current, 8/29, p. 27
Test method assesses chemical hazards, 7/4, p. 34
Toxic substances rules begin to take shape, 12/5, p. 16
Uniform controls for chemicals? 8/29, p. 13
Viewpoint—"Because of mounting public concern—and regulatory pressure—regarding the safety of chemical substances," 12/5, p. 103
Worker sterility linked to pesticide, 9/12, p. 15

Chief Executive Officer:
A salute to CEOs, 11/7, p. 9

China:
China trade outlook for equipment better, 8/29, p. 70
China trade seen back on the rise, 12/5, p. 98
EC readies trade tie to China, 11/7, p. 110
Packaging mission back from China, 8/1, p. 78
Top-level China trade group here, 9/12, p. 154

Chisholm, Lauchlin:
Fight or retreat? Quebec industry ponders 'francization,' 10/10, p. 46

Christmas:
Do companies 'help' Santa? 12/5, p. 24
For a safer holiday, 12/5, p. 12

Cigarettes:
Compound reduces tar in cigarettes, 11/7, p. 38
Tomorrow's cigarette: tobacco, low tar, 12/5, p. 106

Circuitry:
Control loop conserves electric motor power use, 10/24, p. 33

Cities:
Did union's 'success' dethrone Akron's 'king'? 11/21, p. 70

Clean Air Act:
Even EPA's confused by clean air changes, 11/21, p. 33

Clothing & Apparel:
How clothes shape your future, 10/10, p. 52
Management Leisure Time—Skiing, tennis enthusiasts look for fit and style, 12/5, p. 89

Coal:
A 'coal embargo' shapes up for fall, 7/4, p. 17
Chemical aids fly ash entrapment for boilers, 8/15, p. 36
Coal boom? Railroads are ready, 10/10, p. 111
Coal emissions get some cleanup attention, 8/15, p. 37
Coal stockpiles ease worry over strike, 11/7, p. 17
Coal's worldwide impact to grow, 7/4, p. 94
Idleness approaches ten-year low, 9/12, p. 16
Industrial gas tax called ineffective, 7/4, p. 15
Long strike likely as coal pact nears end, 11/21, p. 19
Magnetic separation aids coal cleanup, 8/15, p. 37
Main coal shortage: a lack of customers, 12/5, p. 99
Manager on the spot—Old ties help mine boss keep fragile peace, 9/12, p. 117
Ruling questions 'scrubber' standard, 11/7, p. 33
Scrubbers costly clean-air systems that work . . . sometimes, 10/24, p. 66
Strip mining law will hike coal costs, 8/29, p. 23
Time to scale up solvent refined coal, 7/18, p. 38

Coal Liquefaction:
ERDA ends funding for Gulcon project, 9/12, p. 16

Coal Slurry:
One less hurdle for coal slurry pipelines, 11/21, p. 117

Coatings: Also see Paint
Diamond coating provides optimum wear resistance, 11/21, p. 42
Water-borne coatings: panacea or expedient? 8/29, p. 64

Coffee:
Coffee: the manager's morning dilemma, 7/18, p. 26

Co-generation:
Industry wary: no rush to co-generation, 7/4, p. 79

Collection: See Credit & Collection

Collective Bargaining:
Viewpoint—" . . . The institution of collective bargaining . . .," 8/29, p. 62

Color:
Microtaggants can 'fingerprint' products, 8/29, p. 27

Commerce, Dept. of:
Commerce readies social measurement, 11/7, p. 16
Commerce to test product labeling, 8/29, p. 69
Drawing a new U. S. economic picture, 9/26, p. 74
Statistical unit 'goes public,' 12/5, p. 28
Trade winners and losers for 1977, 9/12, p. 154
Will Commerce Dept. remain a 'bystander'? 7/4, p. 18

Commercial Paper:
Trading starts in commercial paper futures, 9/26, p. 16

Commodities:
Rising prices spur commodities hedging, 7/18, p. 83

Common Market:
Spain knocks at Europe's door, 11/7, p. 72

Communication:
Are you ready to make PR pay? 8/15, p. 60
This message gets across, 7/4, p. 11

Communications Workers of America:
Job security is phone workers' goal, 7/4, p. 31

Company Policy:
A doctor a day keeps the worker away, 7/18, p. 11

Compensation: See Salaries & Wages

Competition:
Competition toughens in industrial goods, 11/7, p. 100
FTC to form accountability unit, 10/24, p. 101
If you don't compete, your lesser self will win, 9/26, p. 37
Sleuthing the opposition—does anything go? 11/21, p. 52
Tougher conflict rules being readied, 10/10, p. 117

Computer-aided Design:
Computer-aided design speeds drafting, 7/18, p. 38

Computers:
Automatic factory: management challenge, 11/21, p. 25
Computer-aided design speeds drafting, 7/18, p. 38
Computer cuts R&D costs at Goodrich, 12/5, p. 36
Computer predicts geothermal success, 8/1, p. 31
Home computer sales ready for takeoff, 11/7, p. 97
Inspection system sees, identifies parts, 9/26, p. 34
Microcomputer automates hand sewing tasks, 11/7, p. 43
New life for used computers, 8/29, p. 67
Predicting soil shifts cuts excavation accidents, 8/1, p. 31
Top of small computer market gets new entry, 10/24, p. 91

Concrete:
Lightweight concrete offers some solutions, 12/5, p. 36

Conferences:
White House slates winter economic meet, 10/10, p. 117

Confidential Information:
Sleuthing the opposition—does anything go? 11/21, p. 52

Congress:
Carter's energy plan inching through Congress, 7/18, p. 17
Energy dominates Congress' calendar, 8/29, p. 20
Keeping Congress up on trade, 9/12, p. 153
Plug into Congress' power source, 9/26, p. 40
Pregnancy pay bill moving in Congress, 8/15, p. 97
Pro-business senators to depart in 1979, 7/4, p. 93
Senate cranks up on water amendments, 7/18, p. 23
Viewpoint—"On the surface, opposition to consumer advocacy bills now in Congress. . . ." 8/29, p. 61
Water pollution law . . . Congress concedes some 'mid-course corrections,' 11/21, p. 17

Connecticut:
Statewide program boosts sales contacts, 8/15, p. 11

Conservation:
Energy workshops: take your pick, 7/4, p. 11
FEA softens final fuel-saving targets, 7/4, p. 93
French energy-saving plan working, 10/24, p. 102

Construction: Also see Building
Japan will challenge U. S. builders, 10/10, p. 118
Major builders fight local construction 'tax,' 9/12, p. 32
Metal builders predict more stable expansion, 8/1, p. 68
Substitutes help curb building material shortages, 8/29, p. 29
USSR still wants to buy U. S., 9/26, p. 94
West Coast tradesmen still set wage pace, 9/26, p. 26

Consultants:
Picking the right consultant, 7/18, p. 40

Consultation:
OSHA to boost on-site consultation, 9/12, p. 16

Consumer Affairs:
Consumer group sets complaint rules, 12/5, p. 16
ICC doesn't just regulate, 10/10, p. 12
Now a conservative consumer group, 11/7, p. 16

Consumer Alert Council:
Now a conservative consumer group, 11/7, p. 16

Consumer Attitudes:
The voice can throw you, 8/29, p. 11

Consumer Price Index:
Taxes, taxes, and more taxes, 9/26, p. 9

Consumer Product Safety Commission:
Consumer group sets complaint rules, 12/5, p. 16
Tippy bin ban, 11/21, p. 11

Consumer Protection:
Adding insult to injury, 8/29, p. 9
Carter still trying on consumer bill, 8/15, p. 97
FTC to form accountability unit, 10/24, p. 101

Consumer Spending:
Economists view '78: no wreck, but no record, 10/10, p. 97

Containerized Shippers:
Firms weathering selective dock strike, 11/7, p. 23

Containers:
Canmaker labor talks should go smoothly, 9/12, p. 21
Container contract beats steel, aluminum on security gains, 11/21, p. 16

Contingent Employer Liability Insurance:
Pension-default insurance a 'costly time bomb', 11/7, p. 11

Contractors:
A small blow against paperwork, 11/21, p. 117
Tougher conflict rules being readied, 10/10, p. 117
U. S. contractors: in for more scrutiny? 8/15, p. 97

Contracts:
Contracting-out guidelines proposed, 12/5, p. 117

Controls: See Instruments & Controls

Cooling: See Heating/Cooling

Copper:
Quick copper pact drops metal's price, 7/18, p. 19

Corporate Takeovers:
Making a corporate marriage last, 8/15, p. 69

Cosmetics:
Put your money on dirty hair, 7/18, p. 12

Council on Economic Priorities:
CEP report on steel: 'sloppy—or distorted,' 10/10, p. 15

Council on Wage & Price Stability:
COWPS' clout: still a question, 8/1, p. 77
Paper pact suggests nationwide pattern, 8/15, p. 16
Use COWPS or kill it, new director urges, 9/12, p. 23

Counterfeit:
Check coding foils copier counterfeits, 8/29, p. 28

Crankcase Oil:
Used oil reprocessing proposed, 8/1, p. 30

Credit & Collection:
Don't borrow eggs from one basket, 8/29, p. 11

Crime:
Firms too lenient on crime, says study, 12/5, p. 11

Cruise Missile:
Two firms seek cruise missile funds, 7/18, p. 87

Currency Float:
Israel adjusts investment rules, 11/21, p. 118

Curtailments:
Managers say they're ready for winter, 10/10, p. 99

Cutbacks:
More bad news in steel, 9/26, p. 17

Cutters, Cutting:
Is nontraditional machining breaking new ground? 8/15, p. 38
Saw without teeth cuts metal faster, 12/5, p. 36

D

Decentralization:
Manager on the spot—FMC's Malott spreads executive power, 10/10, p. 79

Decision-making:
Would you trust your workers with a decision? 8/1, p. 50

Deductions:
Another travel tax reprieve, 8/15, p. 12
Get your two-cents' worth, 10/24, p. 12
Will tax shift 'reform' business entertaining? 11/21, p. 98

Deepwater Ports:
One deepwater port 'lives; another slips, 8/15, p. 24

Defense, Dept. of:
Incentives pondered for DOD contractors, 7/18, p. 31

Dependents:
The 'designated' parent tax deduction, 10/10, p. 12

Deregulation:
Shippers back ICC freer entry ideas, 9/26, p. 31

Dermyer, Angela:
Try on a company library, 8/1, p. 56

Desulfurization:
Time to scale up solvent refined coal, 7/18, p. 38

Detectors:
Look into the earth, 8/15, p. 36
Optical sensor aids liquid level detection, 7/4, p. 36
Truth detectors simplified, 12/5, p. 40

Detergents: See Soaps & Detergents

DeVos, Richard M.:
Excellence in Management Awards—Profile of a winner, 11/7, p. 53
Will America's prosperity formula keep on working? 8/1, p. 58

Diamonds:
Diamond coating provides optimum wear resistance, 11/21, p. 42

Die Casting:
Die casting continues rebound, 10/24, p. 91

Diesel Engines:
Diesel-powered autos: a boom or a fad? 11/21, p. 99

Disaster:
Manager on the spot—Learning to deal with disaster, 9/26, p. 46

Disclosure Documents:
Getting information on competitors—legally, 7/4, p. 11

Discrimination:
Avoid hiring pitfalls, 8/15, p. 11
Is retirement at 65 arbitrary and unfair? 7/4, p. 32
NLRB imposes stiffer penalty for misdeeds, 9/12, p. 153

Divorces:
IRS won't recognize yearend tax divorces, 8/29, p. 12

Dockworkers:
Container issue haunts dockworker strike, 10/10, p. 31
Firms weathering selective dock strike, 11/7, p. 23
Shippers finally offer more to dockworkers, 12/5, p. 23

Donations:
Minneapolis '57 Club beautifies profits, 9/12, p. 48

Drafting:
Computer-aided design speeds drafting, 7/18, p. 38

Drilling:
Drilling aids geothermal energy seekers, 7/18, p. 37
Oil, gas drilling to rise in 1978, 12/5, p. 103
Unusual fluid speeds well drilling, 11/21, p. 47

Drugs:
A new drug for heart trouble, 10/24, p. 12

Dumping:
How Japan Inc. undercuts U. S. steelmakers, 10/10, p. 17
Steel: rescue efforts take shape, 10/24, p. 17

Dust:
Dust filtration in half the space, 10/10, p. 41
Half-millimeter radar to penetrate smoke or dust, 7/18, p. 37

Dyeing:
These textiles take a dye better, 10/10, p. 41

E

Earnings: See Profits

Economic Development:
Trio hits problems of no-growth plans, 7/4, p. 87

Economic Trends:
Basic trends in economy unchanged, 10/10, p. 93
Business barometers better balanced, 9/12, p. 129
Business' growth to become less intense, 7/18, p. 77
Economy begins to wind down, 11/7, p. 89
Economy growing above 'potential', 12/5, p. 93
Economy's peaks, valleys level out, 10/24, p. 77
For '78 business, a gradual letdown, 7/4, p. 69
Lower inflation rates brighten outlook, 8/29, p. 53
Most sectors to share tapering growth, 8/15, p. 77
Retail slowdown paces other sectors, 11/21, p. 93
Slowdown—not a halt—lies ahead, 8/1, p. 61
Some lights in economic 'fog,' 9/26, p. 69

Economy: See Business Economy

Edison Electric Institute:
Trio hits problems of no-growth plans, 7/4, p. 87

Editorials:
A salute to CEOs, 11/7, p. 9
Adding insult to injury, 8/29, p. 9
An end of an era? 7/18, p. 9
Another hoax from Washington, 12/5, p. 9
Compulsory equalization, 10/24, p. 9
In simple terms, 8/1, p. 9
It's time to reload, quickly! 8/15, p. 9
More to outlook than numbers, 11/21, p. 9
Taxes, taxes, and more taxes, 9/26, p. 9
The good old days? No thanks! 9/12, p. 9
Will steel, autos follow radios and TVs? 10/10, p. 9
You're a part of society, too! 7/4, p. 9

Education:
College scholarship: a tax-free bonus, 9/26, p. 12
The education market: more than books and blackboards, 9/12, p. 64

Elections:
Miller retains UMWA leadership, 10/24, p. 16

Electricity:
Control loop conserves electric motor power use, 10/24, p. 33
Cut electric bills with small appliances, 8/15, p. 12
New rate plan to hike industry electric bills? 9/12, p. 136
U. S. loses nuclear generating position, 7/4, p. 94

Electrolysis:
Russians offer new technology, 8/1, p. 30

Electron Beams:
Electron-beam welder in big growth spurt, 12/5, p. 112

Electronic Blackboard:
Electronic blackboard transmits handwriting, 7/4, p. 36

Electronic Equipment:
Home computer sales ready for takeoff, 11/7, p. 97
Plastic film functions as pushbutton panel, 9/12, p. 57

Electronic Monitoring Device:
Monitor cuts press and die damage, 8/29, p. 28

Electrons:
Photos of single atoms, 7/18, p. 38

Electrostatic Spray:
Electrostatic spray delivers water-borne paint, 9/26, p. 36

Element Analysis:
Instant analysis of elements, 7/18, p. 38

Emissions Control:
Auto start-up back to 'normal,' 8/15, p. 19
Congress' delay starts to snarl auto output, 7/4, p. 15
Truck turbine engine meets emission limits, 8/15, p. 37

Emphasis Program:
Another blow to OSHA's credibility? 9/26, p. 32

Employee Attitudes:
Can pay hurt a group's motivation? 7/18, p. 11

Employee Benefits:
Employee benefits' 'road show,' 11/21, p. 11
Holiday, mileage benefits improve, 8/1, p. 11
New benefit trends? 8/29, p. 11
'Personnel' responds to management's crisis, 7/4, p. 24
Pregnency pay bill moving in Congress, 8/15, p. 97

Employee Relations:
This message gets across, 7/4, p. 11
Would you trust your workers with a decision? 8/1, p. 50

Employee Retirement Income Security Act:
Marshall cites ERISA progress, 10/24, p. 101

Employment/Unemployment:
A partial answer on aid to strikers, 7/4, p. 15
Another hoax from Washington, 12/5, p. 9
Avoid hiring pitfalls, 8/15, p. 11
Business' growth to become less intense, 7/18, p. 77
Compulsory equalization, 10/24, p. 9
How Labor's Marshall will cut unemployment, 8/15, p. 84
Humphrey-Hawkins bill being reshaped, 10/10, p. 15

Humphrey-Hawkins bill won't pass in 1977, 7/18, p. 101
'I need a job. Got a match?' 7/18, p. 101
Is California a good place to do business? 8/15, p. 32
Lower unemployment; stubborn inflation, 8/1, p. 14
Modified jobs bill will pass in 1978, 12/5, p. 117
More federal help to fight joblessness, 9/26, p. 93
Planning for the next downturn, 8/1, p. 11
Skilled worker nears extinction, 8/29, p. 38
States meet new unemployment funding rules, 11/21, p. 16
Steel's somber story produces layoffs, 8/29, p. 19
Summer jobs for students still scarce, 7/4, p. 74
Things they didn't tell me about the new job, 7/18, p. 64
Unemployment study to take some time, 8/29, p. 13
Viewpoint—"It is just because so many people are unemployed and so many are employed at poverty wages that 20% of America's industrial capacity is standing idle," 10/10, p. 103
Viewpoint—"The point is that although we are creating more jobs, we are not creating them fast enough . . .," 11/21, p. 109

Energy:
A lack of energy? 9/26, p. 93
Better refrigerator uses 71% less energy, 8/29, p. 28
Bull market? Investors uncertain, 7/4, p. 12
Carter's energy plan inching through Congress, 7/18, p. 17
Carter kills Japan oil swap, 8/1, p. 13
Coal's worldwide impact to grow, 7/4, p. 94
DOE assumes authority over energy areas, 8/1, p. 19
Drilling aids geothermal energy seekers, 7/18, p. 37
Energy costs may crimp sales calls, 7/4, p. 11
Energy dominates Congress' calendar, 8/29, p. 20
Energy filing to begin for 89 companies, 8/1, p. 13
Energy workshops: take your pick, 7/4, p. 11
FEA softens final fuel-saving targets, 7/4, p. 93
French energy-saving plan working, 10/24, p. 102
Growing sympathy for oil firms? 8/29, p. 14
Help to those switching fuels, 11/21, p. 47
How efficient is your motor? 8/1, p. 31
Industry wary; no rush to co-generation, 7/4, p. 79
It's official: West faces power woes, 10/24, p. 101
Lampmaker cuts energy usage in half, 9/26, p. 36
Low-cost solar collectors, 8/15, p. 36
Managers say they're ready for winter, 10/10, p. 99
New fluorescents cut energy costs 14%, 9/12, p. 63
New heat pump shows energy-saving promise, 11/7, p. 38
New light bulb runs on 60% less current, 8/29, p. 27
Oil outlook brighter—but not for long, 11/7, p. 26
Plans shaped for winter fuel pinch, 8/15, p. 15
Process cuts polyethylene cost, 12/5, p. 105
Russians offer new technology, 8/1, p. 30
Score two for oil industry, 11/7, p. 109
Solar energy for office and plant starts to heat up, 10/10, p. 61
Solar energy ideas for your home, 7/18, p. 76
The morning line on winter fuel, 10/10, p. 98
U. S. loses nuclear generating position, 7/4, p. 94
Will energy savings sell radiation curing? 8/1, p. 70
Will utilities finance insulation's boom? 7/18, p. 95

Energy Act:
Energy Act rushes toward Senate floor, 9/26, p. 25

Energy, Dept. of:
A lack of energy? 9/26, p. 93
DOE assumes authority over energy areas, 8/1, p. 19
FEA tending to unfinished business, 8/29, p. 69
Rockwell man gets No. 3 energy post, 10/10, p. 16

Energy Research & Development Administration:
ERDA ends funding for Coalcon project, 9/12, p. 16
Solar energy for office and plant starts to heat up, 10/10, p. 61

Engines:
New heat pump shows energy-saving promise, 11/7, p. 38
Truck turbine engine meets emission limits, 8/15, p. 37
Will an auto firm buy this fuel saver? 7/18, p. 37

England: See Great Britain

Entertainment:
Management Leisure Time—Going to an amusement park? 8/15, p. 76
Movie theaters: a thing of the past? 8/1, p. 12
Will tax shift 'reform' business entertaining? 11/21, p. 98

Environment:
An end of an era? 7/18, p. 9
Bridging an environmental gap, 12/5, p. 11
EPA courting the unions, 11/21, p. 15
Who's polluting your 'environment'? 7/4, p. 12

Environmental Protection Agency:
Auto startup back to 'normal,' 8/15, p. 19
Congress' delay starts to snarl auto output, 7/4, p. 15
Even EPA's confused by clean air changes, 1/12, p. 33
EPA courting the unions, 11/21, p. 15
EPA gets tough on water violators, 8/29, p. 22
Phosphate detergent controversy resurfaces, 8/1, p. 13
Ruling questions 'scrubber' standard, 11/7, p. 33
Small plants await water cleanup 'ax,' 9/26, p. 23
Steel ruling may spell relief, 10/10, p. 25
Sulfates ruling expected soon, 7/18, p. 16
Waste exchanges due for a boost, 7/4, p. 33
Will air officials 'allocate' growth? 7/4, p. 25
Will toxic rulemaking stifle industry's voice? 7/18, p. 16

Environmentalists:
A vote for dirty air—or more steel jobs? 11/21, p. 16
Environmental groups fight changes in law, 10/10, p. 25
Environmentalist rejected for CEQ, 11/7, p. 109

Equal Opportunity Efforts:
Growing threat to federal contracts, 8/29, p. 24
Harsh appraisal of appraisal systems, 11/7, p. 11

Equality:
Compulsory equalization, 10/24, p. 9

Ethics:
Sleuthing the opposition—does anything go? 11/21, p. 52

Eurailpass:
Management Leisure Time—Europe by train? 11/7, p. 86

Europe:
Bribes expedite goods past Europe's borders, 10/10, p. 118
Eastern Europe: concentrate on exports, 11/7, p. 110
Europe calling, toll-free, 11/21, p. 118
Management Leisure Time—Europe by train? 11/7, p. 86
Spain knocks at Europe's door, 11/7, p. 72

European Community:
EC readies trade tie to China, 11/7, p. 110
Israel seeks U. S. firms for EC sales, 7/4, p. 94
Spain knocks at Europe's door, 11/7, p. 72

Excavation:
Predicting soil shifts cuts excavation accidents, 8/1, p. 31

Excellence in Management Award:
A salute to CEOs, 11/7, p. 9
Profile of a winner, 11/7, p. 53

Executives:
Are you an executive who hates to fly? 9/26, p. 12
Business gets its lobbying act together, 12/5, p. 66
Corporate wives: victims of benign neglect? 10/10, p. 86
Executives view '78 with caution, 12/5, p. 98
Managing in an age of anxiety, 10/24, p. 52
Uncertainty clouds outlook, 11/21, p. 61
Washington's lure snares many executives, 8/29, p. 34

Exercise:
Tummy-trimming tips, 8/15, p. 12

Expenses:
Car expenses up? just barely, 7/18, p. 12

Export Administration Act:
Boycott law has 'sleeper' provisions, 7/18, p. 101

Export-Import Bank:
Exim writes new interest schedule, 11/7, p. 110

Exports, Imports:
Algerian LNG proposal gains, 11/21, p. 117
Bearings fare well despite imports, 9/26, p. 88
Benchmark prices: a cure for steel? 11/21, p. 24
Boycott law has 'sleeper' provisions, 7/18, p. 101
Bribes expedite goods past Europe's borders, 10/10, p. 118
China trade outlook for equipment better, 8/29, p. 70
Continued help for specialty steel? 10/10, p. 25
Do smaller U. S. cars fit world markets? 10/24, p. 22
Eastern Europe: concentrate on exports, 11/7, p. 110
Exports up, but Japan recovery still ragged, 7/18, p. 97
Footwear: relief from import pinch, 11/7, p. 110
Ford joins GM in two-tiered price plan, 10/24, p. 15
Foreign steelmakers offer export curbs, 10/24, p. 19
How Japan Inc. undercuts U. S. steelmakers, 10/10, p. 17
Huge scrap backlog in U. S., says study, 8/29, p. 62
Japan trade power consolidated, 7/18, p. 102
Japan will challenge U. S. builders, 10/10, p. 118
Little change in textile, apparel import formula, 8/1, p. 19
Packaging mission back from China, 8/1, p. 78
Prescription renewed for Fukuda medicine, 8/1, p. 67
Should U. S. take 'crash' action to cut trade deficit? 8/1, p. 17
Steel: rescue efforts take shape, 10/24, p. 17
Steel seeks new lids on foreign steel, 7/18, p. 94
Steel users in trouble as capacity shrinks, 11/7, p. 19
Trade deficit shades outlook, 10/24, p. 81
U. S. steel shipments recovery is lagging, 8/1, p. 69
U. S. subcompacts can win against imports, 12/5, p. 15
Viewpoint—"Last year, over 14 million tons of foreign steel came in," 10/10, p. 36
Washinton pressured by steel's troubles, 10/10, p. 24
Will steel, autos follow radios and TVs? 10/10, p. 9

F

Fabrics:
New device measures 'feel' of fabric, 8/15, p. 36

Factories:
Automatic factory: management challenge, 11/21, p. 25

Fares:
Flying made 'simple,' 9/12, p. 12
New York-London bargain fares, 8/29, p. 12
The fare picture, 8/1, p. 12

Farm Equipment:
Farm equipment firms see slowdown in '78, 11/7, p. 104

Federal Contracting:
Limits imposed on federal contracting, 8/1, p. 19

Federal Energy Administration:
Energy filing to begin for 89 companies, 8/1, p. 13
FEA softens final fuel-saving targets, 7/4, p. 93
FEA tending to unfinished business, 8/29, p. 69
How much insulation should you buy? 9/26, p. 11

Federal Government: Also see Carter Administration
Federal pay to climb again? 8/1, p. 77
Growing threat to federal contracts, 8/29, p. 24
'I need a job. Got a match?' 7/18, p. 101
Limits imposed on federal contracting, 8/1, p. 19
Manager on the spot—Can OMB's Bert Lance manage it? 7/4, p. 37
Plug into Congress' power source, 9/26, p. 40
Senate will be wage battleground, 9/26, p. 15
Tougher conflict rules being readied, 10/10, p. 117
Washington's lure snares many executives, 8/29, p. 34
Will Commerce Dept. remain a 'bystander'? 7/4, p. 18

Federal Power Commission:
Worse gas shortage seen for this winter, 7/18, p. 15

Federal Trade Commission:
FTC to disclose more investigations, 9/26, p. 93
FTC to form accountability unit, 10/24, p. 101

Fences:
Don't 'fence' with the IRS, 11/21, p. 12

Fertilizer:
Making Mother Nature produce fertilizer naturally, 9/26, p. 36

Fibers:
Fibers battle for textile market, 12/5, p. 110
Fuel cell works better with hollow fibers, 11/7, p. 43

Film:
Plastic film functions as pushbutton panel, 9/12, p. 57

Filters, Filtering:
Dust filtration in half the space, 10/10, p. 41

Financial Accounting Standards Board:
Accounting debate—outcome promises controversy, 12/5, p. 41

Financial Officers:
Aiming for the top? Be a financial man, 11/7, p. 12

Financial Planning:
Prepare a 'pink slip' plan, 10/10, p. 11

Financing:
Accounting debate—outcome promises controversy, 12/5, p. 41
Companies set new standards for banks, 7/4, p. 56
Leveraged buyout activity still strong, 11/21, p. 97

Fire Codes:
Fire codes spur smoke detector sales, 8/29, p. 61

Fireplaces:
Fireplace fuel, 11/21, p. 12

Fiscal & Monetary Policies:
Economy's pace to nudge up interest rates, 7/18, p. 81
Money growth poses new worries, 11/7, p. 95

Fishing:
Management Leisure Time—Going fishing? Try a houseboat, 7/18, p. 75

Fluids:
Magnetic fluid aids nonferrous salvage, 7/18, p. 37

Fluorescent Lighting:
New fluorescents cut energy costs 14%, 9/12, p. 63

Fluorophotometer System:
New fluorophotometer aids chemical analysis, 9/12, p. 57

Fly Ash:
Chemical aids fly ash entrapment for boilers, 8/15, p. 36

Flying:
Are you an executive who hates to fly? 9/26, p. 12

Foam:
Foam-in-place gains better control, 10/10, p. 42

Focus Group:
Focus group . . . Motivation vs machines, where theory conflicts with reality, 7/4, p. 50

Foerstner, George
Manager on the spot—Amana's George Foerstner rocks appliance industry, 8/15, p. 44

Food:
Flexible packaging vs cans and jars, 7/4, p. 36
Getting protein from potato is practical, 8/1, p. 31
One plant furnishes food, feed, fuel, 10/24, p. 33

Food Stamps:
Should strikers get food stamps? 8/15, p. 97

Footwear Industry:
Footwear: relief from import pinch, 11/7, p. 110

Ford, Gerald:
Look who's lobbying now, 8/1, p. 77

Forecasts:
Capital investment adds strength to outlook, 7/4, p. 73
Drawing a new U.S. economic picture, 9/26, p. 74
Economists view '78: no wreck, but no record, 10/10, p. 97
Executives view '78 with caution, 12/5, p. 98
More to outlook than numbers, 11/21, p. 9
Oil outlook brighter—but not for long, 11/7, p. 26
The morning line on winter fuel, 10/10, p. 98
Trade winners and losers for 1977, 9/12, p. 154
Uncertainty clouds outlook, 11/21, p. 61

Foreign Competition:
Machine tool builders ready to fight dumping, 11/7, p. 18
Viewpoint—"The government can't have it both ways and still be responsive to the needs of the American people . . .," 12/5, p. 105
Will steel, autos follow radios and TVs? 10/10, p. 9

Foreign Investments:
Australia hopes for money flow, 8/1, p. 78
Business booming for Mexican border plants, 12/5, p. 26
Direct investment rate slipped in '76, 9/26, p. 15
Foreigners continue high U.S. investment, 11/7, p. 110
German investment abroad is strong, 12/5, p. 118
Israel adjusts investment rules, 11/21, p. 118
Make me a match, 12/5, p. 118
Mexican, Brazil laws work against investors, 10/10, p. 118
Mideast is no easy mark, 10/24, p. 42
Romania plans to invest American, 8/29, p. 70
Yugoslav office easier to get, 11/21, p. 118

Foreign Languages:
Fight or retreat? Quebec industry ponders 'francization,' 10/10, p. 46
Print instruction manuals in foreign languages, 10/10, p. 11
Quebec sets French rules, 9/12, p. 154

Foreign Trade: See Trade

Forestry:
Forest measure threatens rights, 8/29, p. 69
Manager on the spot—Today's Paul Bunyan does more than chop trees, 7/18, p. 52

Forging, Forgings:
Shifts from castings boost forging outlook, 8/15, p. 92

Forklift Trucks:
Yen spiral blunts forklift imports, 9/12, p. 142

Forms:
Avoid hiring pitfalls, 8/15, p. 11

Fractures:
Ultrasonic test of metal's fracture toughness, 11/21, p. 42

France:
France leads Europe's breeder reactor push, 8/1, p. 78
French energy-saving plan working, 10/24, p. 102

Franchises:
Want a franchise? Take your pick, 8/29, p. 12

Free Enterprise:
Will America's prosperity formula keep on working? 8/1, p. 58

Freight:
Shipping small parcels becomes big business, 10/10, p. 110

Freight Cars:
Will moderation hurt freight car builders? 11/21, p. 106

Fruit:
Orchard revolution in the making, says Israel, 10/10, p. 42

Fuduka, Takeo:
Prescription renewed for Fukuda medicine, 8/1, p. 67

Fuel:
Automakers ready to meet fuel standards, 8/1, p. 29
Burning oil in your gas equipment, 7/18, p. 37
Ceramic burner cuts fuel use 50%, 9/26, p. 36
Chemical converts sunlight into fuel, 10/24, p. 36
Dual fuel conversion pares cost, downtime, 8/29, p. 28
FEA softens final fuel-saving targets, 7/4, p. 93
Help to those switching fuels, 11/21, p. 47
Industry wary: no rush to co-generation, 7/4, p. 79
Managers say they're ready for winter, 10/10, p. 99
Plans shaped for winter fuel pinch, 8/15, p. 15
The morning line on winter fuel, 10/10, p. 98
This way you get fuel from hot rocks, 12/5, p. 40
Time-honored fuel saver, 9/12, p. 11
Tiremakers enter fuel-economy race, 8/15, p. 92
Truck tests show ways to save fuel, 11/7, p. 101
Waterway tax sure to surface, 11/7, p. 16

Fuel Cells:
Fuel cell works better with hollow fibers, 11/7, p. 43
Molten carbonate fuel cell shows promise, 11/7, p. 43

Fuel Saver:
Will an auto firm buy this fuel saver? 7/18, p. 37

Funds:
Major builders fight local construction 'tax,' 9/12, p. 32

Furniture:
Brighter future for furniture industry, 9/12, p. 149
Office furniture sales are hot, 7/4, p. 80

Futures:
Trading starts in commercial paper futures, 9/26, p. 16

G

Galbraith, John Kenneth:
Weakness, not bigness, leads to Socialism, 8/1, p. 44

Gamma Ray Laser:
Gamma ray laser is now feasible, 8/1, p. 30

Garden: See Lawn & Garden

Gas:
Alaska gas plans get antitrust O.K., 8/29, p. 69
Alcan gas line firms mull early start, 9/12, p. 16
Alcan gas line route gets boost, 7/18, p. 102
Burning oil in your gas equipment, 7/18, p. 37
Congress, Carter O.K. Alcan gas project, 11/21, p. 15
El Paso drops Alaska gas line bid, 10/10, p. 15
Industrial gas tax called ineffective, 7/4, p. 15
Oil, gas drilling to rise in 1978, 12/5, p. 103
Worse gas shortage seen for this winter, 7/18, p. 15

Gasoline:
Automakers ready to meet fuel standards, 8/1, p. 29
Taxes boosting gasoline prices, 9/26, p. 12
Will an auto firm buy this fuel saver? 7/18, p. 37

General Accounting Office:
ERDA ends funding for Coalcon project, 9/12, p. 16

Geneva, Swtizerland:
A trade trio for Geneva, 9/26, p. 94

Geothermal Energy:
Drilling aids geothermal energy seekers, 7/18, p. 37

Geothermal Fluid:
Computer predicts geothermal success, 8/1, p. 31

Germany:
German investment abroad is strong, 12/5, p. 118
Germany sets 1978 growth plans, 10/10, p. 118
Germany toughens merger policy, 8/15, p. 98
Germany trims its growthline, 8/1, p. 78
Pay rises in West Germany, 10/24, p. 102
Schmidt has economic support in Basel, 7/18, p. 102

Gifts:
A home—and tax—down payment, 7/4, p. 12

Glasses:
Laser power systems require new glasses, 11/7, p. 38

Glycerol:
Israelis make glycerol from algae, 9/26, p. 34

Government: See Federal Government

Government-Industry Relations:
ERDA ends funding for Coalcon project, 9/12, p. 16
Runaway regulation drains management spirit, 8/15, p. 50
Testifying in D.C.? Capitalize on it, 7/4, p. 60

Government Regulation:
Runaway regulation drains management spirit, 8/15, p. 50

Government Spending:
Viewpoint—"The more government spends and does," 8/29, p. 24

Graser:
Gamma ray laser is now feasible, 8/1, p. 30

Great Britain:
Air pact details ready by July 31, 7/18, p. 102
Britain displays a bit of growth, 7/18, p. 102

Great Lakes:
Phosphate detergent controversy resurfaces, 8/1, p. 13

Gross, Leonard:
If you don't compete, your lesser self will win, 9/26, p. 37

Gross National Product:
Basic trends in economy unchanged, 10/10, p. 93
Economy begins to wind down, 11/7, p. 89
Economy growing above 'potential', 12/5, p. 93
For '78 business, a gradual letdown, 7/4, p. 69
Most sectors to share tapering growth, 8/15, p. 77
Slowdown—not a halt—lies ahead, 8/1, p. 61
Worry spreads over prosperity's life span, 8/15, p. 83

H

Handlemeter:
New device measures 'feel' of fabric, 8/15, p. 36

Handwriting:
Electronic blackboard transmits handwriting, 7/4, p. 36

Hatfield, Robert S.:
Excellence in Management Awards—Profile of a winner, 11/7, p. 53

Hazards:
Uniform controls for chemicals? 8/29, p. 13

Health:
A doctor a day keeps the worker away, 7/18, p. 11
A new drug for heart trouble, 10/24, p. 12
Are you a workaholic? 11/21, p. 12
Artificial blood vessels look promising, 7/18, p. 12
Artificial kidneys will soon be implanted, 12/5, p. 36
Coffee: the manager's morning dilemma, 7/18, p. 26
First, tennis elbow; now, swimmer's knee, 11/21, p. 12

Getting protein from potato is practical, 8/1, p. 31
Heavy drinking hits women harder, 8/29, p. 12
Lower premiums for 'superman', 11/7, p. 12
Management Leisure Time—Catering to the court-conscious, 7/18, p. 73
OSHA moves on substance standards, 7/4, p. 15
Playing with a tennis elbow, 9/26, p. 12
Tummy-trimming tips, 8/15, p. 12
Who's polluting your 'environment'? 7/4, p. 12
Worker sterility linked to pesticide, 9/12, p. 15

Heart:
A new drug for heart trouble, 10/24, p. 12

Heating/Cooling:
Ceramic burner cuts fuel use 50%, 9/26, p. 36
Churning water for heat and profit, 9/26, p. 36
Fast, accurate control of polymer quality, 11/21, p. 42
Heat transfer fluid works from 0 F to 600 F, 11/21, p. 47
Need heat? Build near a reactor, 8/29, p. 28
New heat pump shows energy-saving promise, 11/7, p. 38
Solar cells more efficient, 7/4, p. 34
Solar energy for office and plant starts to heat up, 10/10, p. 61
Sun will heat your coffee water, 11/21, p. 42
Take some heat off air conditioning bills, 7/4, p. 12

Hedging:
Rising prices spur commodities hedging, 7/18, p. 83

Helmuts:
As helmuts come off, fatalities go up, 10/10, p. 12

Hiking:
Management Leisure Time—Want to pack it in? 10/10, p. 89

Hiring:
Avoid hiring pitfalls, 8/15, p. 11
Hiring to be strong through yearend, 10/10, p. 103
Is reliance on 'shrinks' shrinking? 9/26, p. 11
Like attracts like, 9/12, p. 11
Manager hiring strong: pay outpaces inflation, 10/24, p. 82

Holidays:
For a safer holiday, 12/5, p. 12
Holiday, mileage benefits improve, 8/1, p. 11
Who pays for smog holidays? 7/18, p. 11

Holland:
Northern Holland open for industry, 7/4, p. 94

Home Improvement:
Insulate before the rush, 7/18, p. 12
Management Leisure Time—Solar energy ideas for your home, 7/18, p. 76

Hotels, Motels:
Management Leisure Time—A bath with the stars, 9/12, p. 127
Management Leisure Time—Get that 2nd night free, 8/15, p. 76

Houseboats:
Management Leisure Time—Going fishing? Try a houseboat, 7/18, p. 75

Housing:
Economists view '78: no wreck, but no record, 10/10, p. 97
Plant-built homes picking up slowly, 11/21, p. 110
Retail slowdown paces other sectors, 11/21, p. 93

Humphrey-Hawkins Bill:
Another hoax from Washington, 12/5, p. 9
Humphrey-Hawkins bill being reshaped, 10/10, p. 15
Humphrey-Hawkins bill won't pass in 1977, 7/18, p. 101
Modified jobs bill will pass in 1978, 12/5, p. 117

Hungary:
Hungary shops for more U.S. trade, 12/5, p. 118

Hydraulic Jack:
Improved hydraulic jack, 8/1, p. 30

Hydraulic Presses:
Monitor cuts press and die damage, 8/29, p. 28

Hydrogen:
Hydrogen-powered bus gets California test, 11/7, p. 43

Hydrogen Peroxide:
Hydrogen peroxide cuts 'biochem' oxygen demand, 10/10, p. 41

I

Illegal Aliens:
Alien worker law unlikely in 1977, 8/15, p. 16

Imports: See Exports, Imports

Incentives:
Incentives pondered for DOD contractors, 7/18, p. 31

Income Tax: See Taxes, Taxing

Independent Petroleum Assn. of America:
Oil outlook brighter—but not for long, 11/7, p. 26

Industrial Development:
Do states neglect old plants for new? 7/4, p. 40

Industrial Equipment:
Competition toughens in industrial goods, 11/7, p. 100

Industrial Espionage:
Sleuthing the opposition—does anything go? 11/21, p. 52

Industrial Production:
Retail slowdown paces other sectors, 11/21, p. 93

Industrial Shows: See Trade Shows

Industrial Sites:
Northern Holland open for industry, 7/4, p. 94

Industry vs Education:
The education market: more than books and blackboards, 9/12, p. 64

Inflation: Also see Business Economy
Amid good news, why the gloom? 8/29, p. 59
Economists view '78: no wreck, but no record, 10/10, p. 97
Incomes outdone by tax-flation, 9/26, p. 73
Lower inflation rates brighten outlook, 8/29, p. 53
Lower unemployment: stubborn inflation, 8/1, p. 14
Use COWPS or kill it, new director urges, 9/12, p. 23

Inspection & Testing:
Fast, accurate control of polymer quality, 11/21, p. 42
Is reliance on 'shrinks' shrinking? 9/26, p. 11
Watch out for the state OSHA inspector, 9/12, p. 11

Instruments & Controls:
Power modules vie with hand-wired controls, 11/21, p. 47
Raman microprobe gives molecular data, 11/7, p. 38
Viewpoint—"Had Noah faced the same array of health, safety, labor, environmental, accountability, and disclosure laws that most international businessmen face today . . .," 8/29, p. 66

Insulation:
How much insulation should you buy? 9/26, p. 11
Insulate before the rush, 7/18, p. 12
Will utilities finance insulation's boom? 7/18, p. 95

Insurance:
Lower premiums for 'superman', 11/7, p. 12
Pension-default insurance a 'costly time bomb,' 11/7, p. 11

Interest:
Ecomomy's pace to nudge up interest rates, 7/18, p. 81
Exim writes new interest schedule, 11/7, p. 110
Money growth poses new worries, 11/7, p. 95
NLRB imposes stiffer penalty for misdeeds, 9/12, p. 153
Trading starts in commercial paper futures, 9/26, p. 16

Interior, Dept. of:
New name, duties for Interior? 10/10, p. 117

Internal Revenue Service:
IRS won't recognize yearend tax divorces, 8/29, p. 12
Tell IRS about an iffy deduction? 8/1, p. 12
The 'designated' parent tax deduction, 10/10, p. 12

International Air Transportation Assn.:
New York-London bargain fares, 8/29, p. 12

International Assn. of Machinists:
Aerospace strike talks hit many snags, 10/24, p. 24
Disharmony continues in aerospace talks, 12/5, p. 23

International Brotherhood of Electrical Workers:
Major builders fight local construction 'tax,' 9/12, p. 32

International Iron & Steel Institute:
Foreign steelmakers offer export curbs, 10/24, p. 19

International Labor Organization:
Chamber asks U. S. pullout from ILO, 10/24, p. 102

International Longshoremen's Assn.:
Container issue haunts dockworker strike, 10/10, p. 31

International Trade Commission:
Continued help for specialty steel? 10/10, p. 25

International Travel Card:
Management Leisure Time—Get that 2nd night free, 8/15, p. 76

Interstate Commerce Commission:
How much will rail tackage shrink? 7/4, p. 16
ICC doesn't just regulate, 10/10, p. 12
Shippers back ICC freer entry ideas, 9/26, p. 31
Zone expansion hasn't sliced trucking rates, 7/18, p. 33

Inventories:
Inventories to 'let down' economy gradually, 9/12, p. 133
Living with LIFO: no complaints, 8/15, p. 84
Worry spreads over prosperity's life span, 8/15, p. 83

Investigation:
FTC to disclose more investigations, 9/26, p. 93

Investment Tax Credit:
Don't 'fence' with the IRS, 11/21, p. 12

Investments: Also see Foreign Investments
A ringing investment, 9/12, p. 12
Aussies encourage oil, gas searches, 9/26, p. 94
Bond market still open to lower-rated firms, 8/15, p. 86
Britain displays a bit of growth, 7/18, p. 102
Brokers selling new wares to industry, too, 7/4, p. 75
Bull market? Investors uncertain, 7/4, p. 12
Business investment: more signs of an upturn, 8/1, p. 65
Guide to tax-free bonds, 8/1, p. 12
Incentives pondered for DOD contractors, 7/18, p. 31
Investing? What are your goals? 11/7, p. 12
Leveraged buyout activity still strong, 11/21, p. 97
More firms buy their own stock, 8/29, p. 14
'Oil' your investment, 10/24, p. 12
Put your money on dirty hair, 7/18, p. 12
Real estate: still your best bet, 11/21, p. 12
Rising prices spur commodities hedging, 7/18, p. 83
Sluggish market good for patient investor, 8/15, p. 12
Trading starts in commercial paper futures, 9/26, p. 16
Wall Street questions off-board trading, 10/10, p. 106

Iron:
Huge scrap backlog in U. S., says study, 8/29, p. 62

Iron Ore:
Iron ore glut reduces miner-strike's impact, 9/12, p. 147
'Local' strikes cut iron ore output, 8/15, p. 23
Politicking permeates iron ore discord, 12/5, p. 16
Steel alters shipping to ride out ore strike, 11/21, p. 104

Iron & Steel Exposition:
Steel engineers eye ways to hike output, 10/10, p. 104

Isles of Scilly:
Management Leisure Time—Isles of Scilly: a British escape, 9/12, p. 127

Israel:
Israel adjusts investment rules, 11/21, p. 118
Israel seeks U. S. firms for EC sales, 7/4, p. 94

J

Japan:
Carter kills Japan oil swap, 8/1, p. 13
Exports up, but Japan recovery still ragged, 7/18, p. 97
Honda plant for Ohio? 10/10, p. 15
How Japan Inc. undercuts U. S. steelmakers, 10/10, p. 17
Japan offers aid to world travelers, 10/24, p. 102
Japan trade power consolidated, 7/18, p. 102
Japan will challenge U. S. builders, 10/10, p. 118
Japanese pipeline carries lime 1.4 kilometers, 10/24, p. 33
Japanese tariffs will fall by spring, 12/5, p. 118
More color in Pacific TV picture, 9/26, p. 94
No big Japan auto push, 11/21, p. 118
Prescription renewed for Fukuda medicine, 8/1, p. 67
Reducing U. S. deficit with Japan, 10/24, p. 16
Steel aid: the solution becomes the problem, 12/5, p. 17
U. S. to be third in steel by 1990, 8/15, p. 98
Will Japanese seek U. S. steel foothold? 9/26, p. 16
Yen spiral blunts forklift imports, 9/12, p. 142

Job Enrichment:
Results win converts for work design, 10/10, p. 71

Workstations enhance jobs at Citibank, 10/10, p. 40

Jobs:
Another hoax from Washington, 12/5, p. 9
Avoid hiring pitfalls, 8/15, p. 11
'I need a job. Got a match?' 7/18, p. 101
Job security is phone workers' goal, 7/4, p. 31
Like attracts like, 9/12, p. 11
Modified jobs bill will pass in 1978, 12/5, p. 117
More federal help to fight joblessness, 9/26, p. 93
No AFL-CIO before December, 7/18, p. 15
Prepare a 'pink slip' plan, 10/10, p. 11
Risk-takers get most promotions, 8/1, p. 11
Skilled worker nears extinction, 8/29, p. 38
Steel's somber story produces layoffs, 8/29, p. 19
Summer jobs for students stil scarce, 7/4, p. 74
Things they didn't tell me about the new job, 7/18, p. 64
Unemployment study to take some time, 8/29, p. 13
Viewpoint—"The point is that although we are creating more jobs, we are not creating them fast enough . . . ," 11/21, p. 109
'Who the hell wants to catch trout in the Mahoning River?' 10/10, p. 19
Women still lose out in jobs, 12/5, p. 117

Joint Economic Committee:
Carter economic goals out of reach? 8/29, p. 13
JEC splits on money, 10/10, p. 117

Joint Ventures:
Joint ventures: marriages of necessity, 8/1, p. 34

Justice Dept., Antitrust Div.:
More antitrust cases will go to trial, 7/4, p. 16

K

Kidney Dialyzer:
Artificial kidneys will soon be implanted, 12/5, p. 36

Kreps, Juanita M.:
Will Commerce Dept. remain a 'bystander'? 7/4, p. 18

L

Labels, Labeling:
Commerce to test product labeling, 8/29, p. 69
How efficient is your motor? 8/1, p. 31

Labor:
Business blasts Carter's labor bill, 8/15, p. 19
Compulsory equalization, 10/24, p. 9
How Labor's Marshall will cut unemployment, 8/15, p. 84
It's time to prepare for labor law changes, 10/24, p. 27
Labor making gains quietly in South, 11/21, p. 38
Minimum wage drive losing steam, 7/18, p. 82
NLRB imposes stiffer penalty for misdeeds, 9/12, p. 153
Trade-offs likely on labor law changes, 8/29, p. 13
Why Marshall stays out of disputes, 11/21, p. 117

Labor, Dept. of:
Unemployment study to take some time, 8/29, p. 13

Labor Law Reform:
NAM seeks to amend labor law reform, 11/21, p. 28

Labor Laws:
A second try for labor law reform, 7/18, p. 19

Labor-Management Relations:
Why Ray Marshall won't get involved, 8/15, p. 15
Would you trust your workers with a decision? 8/1, p. 50

Labor Reform Act of 1977:
Business blasts Carter's labor bill, 8/15, p. 19
It's time to reload, quickly! 8/15, p. 9

Lamps:
Lampmaker cuts energy usage in half, 9/26, p. 36

Lance, Bert:
Manager on the spot—Can OMB's Bert Lance manage it? 7/4, p. 37

Languages: See Foreign Languages

Larry, R. Heath:
NAM under Larry: more political action, 8/15, p. 26

Lasers:
Gamma ray laser is now feasible, 8/1, p. 30
Half-millimeter radar to penetrate smoke or dust, 7/18, p. 37
Laser power systems require new glasses, 11/7, p. 38

LIFO:
Living with LIFO: no complaints, 8/15, p. 84

Law Firms:
The 'other side' fights back, 12/5, p. 30

Lawn & Garden:
Weeding, feeding, or seeding? 9/12, p. 12

Lawsuits:
Anti-OSHA forces keep on winning, 11/7, p. 15
Bill would restore treble damage option, 8/15, p. 15
GM hikes overtime for 'professionals,' 10/10, p. 16

Layoffs:
Planning for the next downturn, 8/1, p. 11
Steel's somber story produces layoffs, 8/29, p. 19
'Who the hell wants to catch trout in the Mahoning River?' 10/10, p. 19

Lead:
Difficulties likely in lead, zinc bargaining, 8/15, p. 24

Leadership:
When you have a dynamic follower, 9/26, p. 56

Leading Indicators:
Inventories to 'let down' economy gradually, 9/12, p. 133

Legal Services:
Paid legal services a UAW goal in 1979? 8/1, p. 26

Legislation:
A second try for labor law reform, 7/18, p. 19
Antitrust overturn future uncertain, 11/7, p. 109
Business blasts Carter's labor bill, 8/15, p. 19
Business gets its lobbying act together, 12/5, p. 66
Carter compromises on cargo preference, 7/18, p. 101
Carter still trying on consumer bill, 8/15, p. 97
Congress, Carter O.K. Alcan gas project, 11/21, p. 15
Energy Act rushes toward Senate floor, 9/26, p. 25
House holds key to water amendments, 8/29, p. 21
Humphrey-Hawkins bill being reshaped, 10/10, p. 15
It's time to prepare for labor law changes, 10/24, p. 27
Modified jobs bill will pass in 1978, 12/5, p. 117
NAM seeks to amend labor law reform, 11/21, p. 28
New rate plan to hike industry electric bills? 9/12, p. 136
One less hurdle for coal slurry pipelines, 11/21, p. 117
Plug into Congress' power source, 9/26, p. 40
Pregnancy pay bill moving in Congress, 8/15, p. 97
Score two for oil industry, 11/7, p. 109
Senate will be wage battleground, 9/26, p. 15
Trade-offs likely on labor law changes, 8/29, p. 13
Water law changes draw closer, 9/26, p. 15
Waterway tax sure to surface, 11/7, p. 16
Will age law changes affect benefit plans? 9/12, p. 15

Legislators:
Testifying in D.C.? Capitalize on it, 7/4, p. 60

Leisure:
The Joy of What? 10/24, p. 12

Letters From Readers:
Letters: 7/4, p. 101; 7/18, p. 110; 8/1, p. 86; 8/15, p. 106; 8/29, p. 78; 9/12, p. 162; 9/26, p. 102; 10/10, p. 126; 10/24, p. 110; 11/7, p. 118; 11/21, p. 126; 12/5, p. 126

Liability: See Product Liability

Libraries:
Try on a company library, 8/1, p. 56

Lighting:
Lampmaker cuts energy usage in half, 9/26, p. 36
New fluorescents cut energy cost 14%, 9/12, p. 63
New light bulb runs on 60% less current, 8/29, p. 27

Lignite:
Lignite pares cost of treating sewage, 7/18, p. 38

Lime:
Japanese pipeline carries lime 1.4 kilometers, 10/24, p. 33

Liquefied Natural Gas:
Algerian LNG proposed gains, 11/21, p. 117
Manager on the spot—Utility official ready for rugged winter, 12/5, p. 83

Liquid:
Liquid-solid solar cells show promise, 8/15, p. 36
Optical sensor aids liquid level detection, 7/4, p. 36

Loans & Mortgages:
A home—and tax—down payment, 7/4, p. 12
Need to cut taxes? Try lending money, 9/12, p. 12
New benefit trends? 8/29, p. 11
Spending to spur short-term credit use, 8/1, p. 66

Lobbying:
Look who's lobbying now, 8/1, p. 77

Lobbyists:
Business gets its lobbying act together, 12/5, p. 66
Trade-offs likely on labor law changes, 8/29, p. 13

Locations:
Paying for the good life, 9/12, p. 11

Lodging:
Management Leisure Time—Get that 2nd night free, 8/15, p. 76

Lubricants:
Eliminates lube needs for air cylinders, 10/10, p. 42
Magnetic lubricant stays in place, 10/24, p. 36
Used oil reprocessing proposed, 8/1, p. 30

Lumber:
Substitutes help curb building material shortages, 8/29, p. 29

Lyet, J. Paul:
Manager on the spot—Should multinationals be swept under the regulatory rug? 11/7, p. 44

M

Machine Tool Industry:
Focus group . . . Motivation vs machines, where theory conflicts with reality, 7/4, p. 50

Machine Tools:
Machine tool builders ready to fight dumping, 11/7, p. 18

Machinery:
Greater liability for used machine dealers? 12/5, p. 11

Machines, Machining:
Focus group . . . Motivation vs machines, where theory conflicts with reality, 7/4, p. 50
Is nontraditional machining breaking new ground? 8/15, p. 38
One way to automate large part production, 10/10, p. 41

Magnetic Fluids:
Magnetic fluid aids nonferrous salvage, 7/18, p. 37

Magnetic Separation:
Magnetic separation aids coal cleanup, 8/15, p. 37

Magnets:
Magnetic lubricant stays in place, 10/24, p. 36
Magnets eliminate water pollutants, 10/24, p. 36
Microtaggants can 'fingerprint' products, 8/29, p. 27

Mahoning Valley:
Mahoning water dispute resolved, 7/4, p. 24
Steel ruling may spell relief, 10/10, p. 25
'Who the hell wants to catch trout in the Mahoning River?' 10/10, p. 19

Mail:
New postal standards on letter-size mail, 9/26, p. 11

Malott, Bob:
Manager on the spot—FMC's Malott spreads executive power, 10/10, p. 79

Management:
Aiming for the top? Be a financial man, 11/7, p. 12
Excellence in Management Awards—Profile of a winner, 11/7, p. 53
Managing in an age of anxiety, 10/24, p. 52
Runaway regulation drains management spirit, 8/15, p. 50
When you have a dynamic follower, 9/26, p. 56
Where to get management training, 10/24, p. 11

Management Clubs:
What's in a management club for you? 10/24, p. 48

Management Image:
Viewpoint—"Good, bad, indifferent—an image is what people perceive you to be," 7/4, p. 80

Management Leisure Time:
A bath with the stars, 9/12, p. 127
Automation makes good photography easy, 9/12, p. 124
Building a pool? Follow these tips, 9/12, p. 126
Catering to the court-conscious, 7/18, p. 73
Coast-to-coast traveling music, 11/7, p. 86

Europe by train? 11/7, p. 86
Get that 2nd night free, 8/15, p. 76
Going fishing? Try a houseboat, 7/18, p. 75
Going to an amusement park? 8/15, p. 76
In-room steam baths, 11/7, p. 87
Isles of Scilly: a British escape, 9/12, p. 127
No limit to racquet size, 7/18, p. 74
Ski slopes plan a comeback, 11/7, p. 82
Skiing, tennis enthusiasts look for fit and style, 12/5, p. 89
Solar energy ideas for your home, 7/18, p. 76
Want to pack it in? 10/10, p. 89
Wine-d up your vacation, 11/7, p. 87
You're never too old to be a good sport, 8/15, p. 73

Management Traits:
Is there still room for bold managers 12/15, p. 52

Manager On The Spot:
A corporate captain calls for more candor, 8/1, p. 46
Amana's George Foerstner rocks appliance industry, 8/15, p. 44
An embattled auto veteran refuses to knuckle under, 11/21, p. 80
Can OMB's Bert Lance manage it? 7/4, p. 37
Complying with regulators demands new 'steering' skills, 10/24, p. 61
FMC's Malott spreads executive power, 10/10, p. 79
Fate of foreign airliner falls on a Yankee, 8/29, p. 50
Learning to deal with disaster, 9/26, p. 46
Old ties help mine boss keep fragile peace, 9/12, p. 117
Should multinationals be swept under the regulatory rug? 11/7, p. 44
Today's Paul Bunyan does more than chop trees, 7/18, p. 52
Utility official ready for rugged winter, 12/5, p. 83

Managers:
A multinational pioneer maps the right paths, 9/26, p. 50
Are you ready to make PR pay? 8/15, p. 60
How clothes shape your future, 10/10, p. 52
Is there still room for bold managers? 12/5, p. 52
Manager hiring strong; pay outpaces inflation, 10/24, p. 82
Manager on the spot—A corporate captain calls for more candor, 8/1, p. 46
Manager on the spot—Amana's George Foerstner rocks appliance industry, 8/15, p. 44
Manager on the spot—An embattled auto veteran refuses to knuckle under, 11/21, p. 80
Manager on the spot—Can OMB's Bert Lance manage it? 7/4, p. 37
Manager on the spot—Complying with regulators demands new 'steering' skills, 10/24, p. 61
Manager on the spot—FMC's Malott spreads executive power, 10/10, p. 79
Manager on the spot—Fate of foreign airliner falls on a Yankee, 8/29, p. 50
Manager on the spot—Learning to deal with disaster, 9/26, p. 46
Manager on the spot—Old ties help mine boss keep fragile peace, 9/12, p. 117
Manager on the spot—Should multinationals be swept under the regulatory rug? 11/7, p. 44
Manager on the spot—Today's Paul Bunyan does more than chop trees, 7/18, p. 52
Manager on the spot—Utility official ready for rugged winter, 12/5, p. 83
Managers say they're ready for winter, 10/10, p. 99
Overcoming the Peter Principle, 8/1, p. 11
Prepare a 'pink slip' plan, 10/10, p. 11
Should you pull strings for the young manager? 9/26, p. 60
What's in a management club for you? 10/24, p. 48

Manuals:
Print instruction manuals in foreign languages, 10/10, p. 11

Manufactured Housing Institute:
Plant-built homes picking up slowly, 11/21, p. 110

Manufacturing Shipments:
June a leader in total shipments, 8/29, p. 67
Shipments falter slightly in April, 7/4, p. 89
Shipments pace shows seasonal drop, 8/1, p. 76
Shipments recover upward pace, 11/7, p. 105
Shipments slow almost 12% in July, 10/10, p. 113

Marginal Cost Pricing:
New rate plan to hike industry electric bills? 9/12, p. 136

Marketing: See Sales & Marketing

Marshall, Ray:
Growing threat to federal contracts, 8/29, p. 24
How Labor's Marshall will cut unemployment, 8/15, p. 84
Marshall has labor problems, 9/12, p. 153
Why Marshall stays out of disputes, 11/21, p. 117
Why Ray Marshall won't get involved, 8/15, p. 15

McIntyre, James T.:
McIntyre most likely for Lance's post, 11/21, p. 117
McIntyre stays as acting OMB chief, 10/24, p. 101

McKenna, John T.:
Manager on the spot—Utility official ready for rugged winter, 12/5, p. 83

Measuring:
New fluorophotometer aids chemical analysis, 9/12, p. 57
Ultrasonic test of metal's fracture toughness, 11/21, p. 42

Media:
Media-minded managers, 11/21, p. 11

Medical Equipment:
Artificial blood vessels look promising, 7/18, p. 12
Artificial kidneys will soon be transplanted, 12/5, p. 36

Mergers & Acquisitions:
Germany toughens merger policy, 8/15, p. 98
Joint ventures: marriages of necessity, 8/1, p. 34
Making a corporate marriage last, 8/15, p. 69
NAM under Larry: more political action, 8/15, p. 26
Will Justice O.K. new steel merger? 11/21, p. 15

Metal Building Systems:
Metal builders predict more stable expansion, 8/1, p. 68

Metals:
Russians offer new technology, 8/1, p. 30
Tantalum carbide is one of our hardest substances, 8/1, p. 31
This moss gets the metal out, 8/29, p. 27

Metalworking:
Is nontraditional machining breaking new ground? 8/15, p. 38

Mexico:
Business booming for Mexican border plants, 12/5, p. 26
Mexican, Brazil laws work against investors, 10/10, p. 118

Microbes:
Microbes could release sand-bound oil, 7/4, p. 34

Microcomputer:
Microcomputer automates hand sewing tasks, 11/7, p. 43

Microprobes:
Raman microprobe gives molecular data, 11/7, p. 38

Microtaggants:
Microtaggants can 'fingerprint' products, 8/29, p. 27

Mideast, The:
Mideast is no easy mark, 10/24, p. 42

Mileage:
Holiday, mileage benefits improve, 8/1, p. 11
New car shopping—by the mile, 11/7, p. 12

Miller, Arnold:
Miller retains UMWA leadership, 10/24, p. 16

Miller, J. Irwin:
A multinational pioneer maps the right paths, 9/26, p. 50

Mines, Mining:
An end of an era? 7/18, p. 9
Carter's O. K. creates strip mining law, 8/1, p. 14
Idleness approaches ten-year low, 9/12, p. 16
Manager on the spot—Old ties help mine boss keep fragile peace, 9/12, p. 117
Sea law optimism goes under, 7/4, p. 16
Strip mining law will hike coal costs, 8/29, p. 23

Minicomputers:
Workstations enhance jobs at Citibank, 10/10, p. 40

Minimum Wages: Also see Salaries & Wages
Business may get youth wage wish, 8/15, p. 16
Four increases for minimum pay rate, 11/7, p. 15
Minimum wage drive losing steam, 7/18, p. 82
Senate will be wage battleground, 9/26, p. 15

Ministry of International Trade & Industry:
Japan will challenge U. S. builders, 10/10, p. 118

Minneapolis, Minn.:
Minneapolis 5% Club beautifies profits, 9/12, p. 48

Minnesota:
Canadian powerplant stirs border skirmish, 9/12, p. 154

Missiles:
Two firms seek cruise missile funds, 7/18, p. 87

Molecules:
Raman microprobe gives molecular data, 11/7, p. 38

Molten Carbonates:
Molten carbonate fuel cell shows promise, 11/7, p. 43

Monetary Policies: See Fiscal & Monetary Policies

Money:
Australia hopes for money flow, 8/1, p. 78
Money growth poses new worries, 11/7, p. 95
Viewpoint—"Creative money comes primarily from one source . . .," 7/18, p. 82

Monitors:
Monitor cuts press and die damage, 8/29, p. 28

Morehouse, Laurence E. (Dr.):
If you don't compete, your lesser self will win, 9/26, p. 37

Mortgages: See Loans & Mortgages

Motels: See Hotels, Motels

Motivation:
Can pay hurt a group's motivation? 7/18, p. 11
Focus group . . . Motivation vs machines, where theory conflicts with reality, 7/4, p. 50

Motorcycles:
As helmets come off, fatalities go up, 10/10, p. 12
Honda plant for Ohio? 10/10, p. 15

Motors:
Control loop conserves electric motor power use, 10/24, p. 33
How efficient is your motor? 8/1, p. 31

Movie Theaters:
Movie theaters: a thing of the past? 8/1, p. 12

Moving: See Relocation

Multi-Fiber Arrangement:
Little change in textile, apparel import formula, 8/1, p. 19

Multinational Companies:
A multinational pioneer maps the right paths, 9/26, p. 50
Another thorn for multinationals, 8/29, p. 70
Bribes expedite goods past Europe's borders, 10/10, p. 118
Manager on the spot—Should multinationals be swept under the regulatory rug? 11/7, p. 44

Mumper, Dave:
Managers on the spot—Today's Paul Bunyan does more than chop trees, 7/18, p. 52

Murphy, Thomas A.:
Manager on the spot—A corporate captain calls for more candor, 8/1, p. 46

Music:
Management Leisure Time—Coast-to-coast traveling music, 11/7, p. 86

Myers, Dale D.:
Rockwell man gets No. 3 energy post, 10/10, p. 16

N

Names:
Name game picks up, 10/10, p. 16
New name, duties for Interior? 10/10, p. 117

National Assn. of Manufacturers:
Business gets its lobbying act together, 12/5, p. 66
Let states keep workers compensation, 9/26, p. 93
NAM seeks to amend labor law reform, 11/21, p. 28
NAM under Larry: more political action, 8/15, p. 26

National Chamber Litigation Center:
The 'other side' fights back, 12/5, p. 30

National Commission on Water Quality:
Senate cranks up on water amendments, 7/18, p. 23

National Constructors Assn.:
Major builders fight local construction 'tax,' 9/12, p. 32
West Coast tradesmen still set wage pace, 9/26, p. 26

National Electrical Contractors Assn.:
Major builders fight local construction 'tax,' 9/12, p. 32

National Emphasis Program:
Another blow to OSHA's credibility? 9/26, p. 32

National Energy Plan:
Carter's energy plan inching through Congress, 7/18, p. 17

National Foreign Trade Council:
Elusive answers to protectionism, 12/5, p. 18

National Labor Relations Act:
A second try for labor law reform, 7/18, p. 19
It's time to prepare for labor law changes, 10/24, p. 27
NLRB imposes stiffer penalty for misdeeds, 9/12, p. 153
Trade-offs likely on labor law changes, 8/29, p. 13

National Legal Center for the Public Interest:
The 'other side' fights back, 12/5, p. 30

National Machine Tool Builders' Assn.:
Machine tool builders ready to fight dumping, 11/7, p. 18

National Small Business Assn.:
Small firms get more standards input, 10/24, p. 11

Natural Resources & Environment, Dept. of:
New name, duties for Interior? 10/10, p. 117

Neutralizer:
Smell squelcher aids smelly industries, 9/12, p. 63

News Program:
High ratings for employee TV news, 10/24, p. 11

Nicotine:
Compound reduces tar in cigarettes, 11/7, p. 38

Nitrogen:
Making Mother Nature produce fertilizer naturally, 9/26, p. 36

Nonferrous Metals:
Magnetic fluid aids nonferrous salvage, 7/18, p. 37
Quick copper pact drops metal's price, 7/18, p. 19

Nontraditional Machining:
Is nontraditional machining breaking new ground? 8/15, p. 38

Nuclear Energy:
France leads Europe's breeder reactor push, 8/1, p. 78
Radioactive source cuts fuel-burning pollutants, 12/5, p. 40

Nuclear Power:
Need heat? Build near a reactor, 8/29, p. 28
U.S. loses nuclear generating position, 7/4, p. 94

Nutrients:
'Found' water for drought-area plant, 11/21, p. 11

O

Occupational Safety & Health Administration:
Another blow to OSHA's credibility? 9/26, p. 32
Another OSHA no-no, 7/4, p. 11
Anti-OSHA forces keep on winning, 11/7, p. 15
Is OSHA dropping hints? 8/15, p. 15
Litigation will stall OSHA toxic standards, 10/24, p. 15
OSHA moves on substance standards, 7/4, p. 15
OSHA reform is dragging, 8/1, p. 13
OSHA to boost on-site consultation, 9/12, p. 16
Watch out for the state OSHA inspector, 9/12, p. 11

Oceans:
Sea law optimism goes under, 7/4, p. 16

Odor:
Smell squelcher aids smelly industries, 9/12, p. 63

Off-board Trading:
Wall Street questions off-board trading, 10/10, p. 106

Office Dress:
How clothes shape your future, 10/10, p. 52

Office Equipment:
Another OSHA no-no, 7/4, p. 11

Office of Federal Contract Compliance Programs:
Growing threat to federal contracts, 8/29, p. 24

Office Furniture:
Office furniture sales are hot, 7/4, p. 80

Office of Management & Budget:
Contracting-out guidelines proposed, 12/5, p. 117
Manager on the spot—Can OMB's Bert Lance manage it? 7/4, p. 37
McIntyre most likely for Lance's post, 11/21, p. 117
McIntyre stays as acting OMB chief, 10/24, p. 101

Office Rules:
Yugoslavia set new office rules, 9/26, p. 94

Ohio:
Honda will build auto plant in Ohio, 11/7, p. 15

Oil: See Petroleum & Petroleum Products

Oil Recovery Techniques:
Oil recovery techniques get new look, 7/18, p. 47

Oil Shale:
Oil shale shows signs of life, 11/7, p. 26

Oil Spills:
Oil spills cleaned up automatically, 12/5, p. 40

Optical Sensor:
Optical sensor aids liquid level detection, 7/4, p. 36

Optical Web Viewer:
Unit aids inspection of preprinted webs, 8/29, p. 27

Original Equipment Manufacturer:
Statewide program boosts sales contacts, 8/15, p. 11

Overseas Operations:
Another delay for 911' tax rules, 10/10, p. 118
Don't rush overseas transfer, 7/18, p. 11
Japan will challenge U.S. builders, 10/10, p. 118

P

Packaging:
Flexible packaging vs cans and jars, 7/4, p. 36
Flexible packaging tries 'rigid' markets, 9/26, p. 79
Foam-in-place gains better control, 10/10, p. 42
Materials, energy cast shadows on packaging, 11/7, p. 102
Packaging mission back from China, 8/1, p. 78

Paint: Also see Coatings
Electrostatic spray delivers water-borne paint, 9/26, p. 36
Water-borne coatings: panacea or expedient? 8/29, p. 64

Paper & Paper Products:
Capacity plans pick up for some paper lines, 10/24, p. 89
Paper pact suggests nationwide pattern, 8/15, p. 16
Paperwork panel sees savings of $10 billion, 9/12, p. 39
Tight markets develop in some paper grades, 8/1, p. 74

Paperwork:
A small blow against paperwork, 11/21, p. 117
Paperwork panel sees savings of $10 billion, 9/12, p. 39
Workstations enhance jobs at Citibank, 10/10, p. 40

Pasquerilla, Frank:
Manager on the spot—Learning to deal with disaster, 9/26, p. 46

Patents:
Mexican, Brazil laws work against investors, 10/10, p. 118

Peach Trees:
Orchard revolution in the making, says Israel, 10/10, p. 42

Pension Reform Act:
Reform of pension reform in the works, 8/1, p. 14

Pensions:
Aerospace unions seek pension extensions, 8/15, p. 86
Marshall cites ERISA progress, 10/24, p. 101
Pension-default insurance a 'costly time bomb,' 11/7, p. 11
Reform of pension reform in the works, 8/1, p. 14
Updates, 8/15, p. 11
Will age law changes affect benefit plans? 9/12, p. 15

Perfluorocarbon:
Perfluorocarbon increases capacitor efficiency, 9/26, p. 34

Personnel:
'Personnel' responds to management's crisis, 7/4, p. 24
Privacy panel asks personnel data curbs, 8/1, p. 23

Personnel Planning:
New directions in personnel planning? 10/10, p. 11

Pest Control:
Ultrasonic device controls rodents in factories, 10/24, p. 36

Peter Principle:
Overcoming the Peter Principle, 8/1, p. 11

Petroleum & Petroleum Products:
A better way to recycle waste oil, 9/12, p. 63
Alaska oil line done, but questions persist, 7/4, p. 26
Alaska oil traffic aids shipbuilders, 8/29, p. 60
Alcan gasline firms mull early start, 9/12, p. 16
Argentina invites oil exploration, 10/24, p. 102
Burning oil in your gas equipment, 7/18, p. 37
Carter compromises on cargo preference, 7/18, p. 101
Carter kills Japan oil swap, 8/1, p. 13
Growing sympathy for oil firms? 8/29, p. 14
In simple terms, 8/1, p. 9
Managers say they're ready for winter, 10/10, p. 99
Microbes could release sand-bound oil, 7/4, p. 34
Oil, gas drilling to rise in 1978, 12/5, p. 103
Oil outlook brighter—but not for long, 11/7, p. 26
Oil recovery techniques get new look, 7/18, p. 47
Oil shale shows signs of life, 11/7, p. 26
Oil spills cleaned up automatically, 12/5, p. 40
'Oil' your investment, 10/24, p. 12
One deepwater port lives; another slips, 8/15, p. 24
Optical sensor aids liquid level detection, 7/4, p. 36
Romania plans to invest American, 8/29, p. 70
Score two for oil industry, 11/7, p. 109
Should U.S. take 'crash' action to cut trade deficit? 8/1, p. 17
Sohio pipeline partway home, 12/5, p. 15
Sohio still hopeful about oil pipeline, 9/12, p. 24
Taxes boosting gasoline prices, 9/26, p. 12
The morning line on winter fuel, 10/10, p. 98
Unusual fluid speeds well drilling, 11/21, p. 47
Used oil reprocessing proposed, 8/1, p. 30
Viewpoint—"By the year 2000, of the 65.4 million barrels of oil equivalent we would be consuming each day, 45 million of them would have to be imported," 9/12, p. 140
Will Sohio clean up California powerplant? 10/24, p. 15
Will tank car trains move Alaskan crude? 10/24, p. 31

Phosphates:
Phosphate detergent controversy resurfaces, 8/1, p. 13

Photography:
Management Leisure Time—Automation makes good photography easy, 9/12, p. 124
Photos of single atoms, 7/18, p. 38

Pipes, Pipelines:
Alaska gas plans get antitrust O.K., 8/29, p. 69
Alaska oil line done, but questions persist, 7/4, p. 26
Alcan gas line firms mull early start, 9/12, p. 16
Alcan gas line route gets boost, 7/18, p. 102
Carter kills Japan oil swap, 8/1, p. 13
Congress, Carter O.K. Alcan gas project, 11/21, p. 15
Device proof-tests flange weld easily, 9/12, p. 63
El Paso drops Alaska gas line bid, 10/10, p. 15
In simple terms, 8/1, p. 9
Japanese pipeline carries lime 1.4 kilometers, 10/24, p. 33
Look into the earth, 8/15, p. 36
One less hurdle for coal slurry pipelines, 11/21, p. 117
Sohio pipeline partway home, 12/5, p. 15
Sohio still hopeful about oil pipeline, 9/12, p. 24

Plant Locations:
Northern Holland open for industry, 7/4, p. 94

Plant Relocations:
Did union's 'success' dethrone Akron's 'king'? 11/21, p. 70

Plant Sites:
Do states neglect old plants for new? 7/4, p. 40
Honda plant for Ohio? 10/10, p. 15
Honda will build auto plant in Ohio, 11/7, p. 15
Raising a new plant—it takes more than a green thumb, 12/5, p. 46

Plants:
One plant furnishes food, feed, fuel, 10/24, p. 33

Plastic Injection Molding Machines:
Good times for plastic molding machine firms, 9/12, p. 144

Plastics:
Cryogenic crushing sorts out polyvinyl chloride, 10/24, p. 33
Good times for plastic molding machine firms, 9/12, p. 144
Plastic film functions as pushbutton panel, 9/12, p. 57
Plastics are inherently stronger than steel, 8/15, p. 37

Platens:
Typewriter aids identifying shrink tubing, 8/1, p. 30

Plating:
Sputtering may cut auto grill cost in half, 11/7, p. 38
This moss gets the metal out, 8/29, p. 27

Politics:
It's time to reload, quickly! 8/15, p. 9

Pollution:
A vote for dirty air—or more steel jobs? 11/21, p. 16
Canadian powerplant stirs border skirmish, 9/12, p. 154
Clean-air compromise: 'half a loaf' for industry, 8/15, p. 17
Cleanup credit chances slim—now, 7/18, p. 101
Coal emissions get some cleanup attention, 8/15, p. 37
Costly surprises await utilities, 9/12, p. 15
CEP report on steel: 'sloppy—or distorted,' 10/10, p. 15
Even EPA's confused by clean air changes, 11/21, p. 33
Environmental groups fight changes in law, 10/10, p. 25
EPA gets tough on water violators, 8/29, p. 22
House holds key to water amendments, 8/29, p. 21
Magnets eliminate water pollutants, 10/24, p. 36
Mahoning water dispute resolved, 7/4, p. 24
No-sludge scrubber begins one-year test, 11/21, p. 31
Now, three kinds of water pollution, 12/5, p. 15
Radioactive source cuts fuel-burning pollutants, 12/5, p. 40
Scrubbers costly clean-air systems that work . . . sometimes, 10/24, p. 66
Senate cranks up on water amendments, 7/18, p. 23
Sludge becomes key to water discharges, 12/5, p. 117
Small plants await water cleanup 'ax,' 9/26, p. 23
Sohio still hopeful about oil pipeline, 9/12, p. 24
Steel ruling may spell relief, 10/10, p. 25
Sulfates ruling expected soon, 7/18, p. 16
Toxic substances rules begin to take shape, 12/5, p. 16
Washington pressured by steel's troubles, 10/10, p. 24
Water law changes draw closer, 9/26, p. 15
Water pollution law . . . Congress concedes some 'mid-course corrections,' 11/21, p. 17
Who pays for smog holidays? 7/18, p. 11
Who's polluting your 'environment'? 7/4, p. 12
'Who the hell wants to catch trout in the Mahoning River?' 10/10, p. 19
Will air officials 'allocate' growth? 7/4, p. 25
Will Sohio clean up California powerplant? 10/24, p. 15

Polyethylene:
Process cuts polyethylene cost, 12/5, p. 105

Polypropylene Bag:
Five-pound bag holds a ton, 10/24, p. 36

Polyvinyl Chloride:
Cryogenic crushing sorts out polyvinyl chloride, 10/24, p. 33

Postal System:
New postal standards on letter-size mail, 9/26, p. 11
Shipping small parcels becomes big business, 10/10, p. 110

Potatoes:
Getting protein from potato is practical, 8/1, p. 31

Pouches:
Flexible packaging tries 'rigid' markets, 9/26, p. 79

Powder-metal Parts:
Technology boosts powder-metal parts, 10/24, p. 83

Power:
It's official: West faces power woes, 10/24, p. 101
Ruling questions 'scrubber' standard, 11/7, p. 33

Power Modules:
Power modules vie with hand-wired controls, 11/21, p. 47

Pregnancy:
Pregnancy pay bill moving in Congress, 8/15, p. 97

Preprinted Webs:
Unit aids inspection of preprinted webs, 8/29, p. 27

Presses:
Press extracts protein from grass, oil from seeds, 10/24, p. 36

Price-Fixing:
Bill would restore treble damage option, 8/15, p. 15
Price-fix crackdown pace may accelerate, 10/10, p. 32
Viewpoint—". . . The people who engage in price fixing . . .," 7/18, p. 88

Prices, Pricing:
Benchmark prices: a cure for steel? 11/21, p. 24
Coffee: the manager's morning dilemma, 7/18, p. 26
Ford joins GM in two-tiered price plan, 10/24, p. 15
Lower inflation rates brighten outlook, 8/29, p. 53
Quick copper pact drops metal's price, 7/18, p. 19
Rising prices spur commodities hedging, 7/18, p. 83
Slowdown—not a halt—lies ahead, 8/1, p. 61
Steel aid: the solution becomes the problem, 12/5, p. 17
Tire stocks run flat, 9/26, p. 12
Viewpoint—". . . The people who engage in price fixing . . .," 7/18, p. 88

Privacy:
Privacy panel asks personnel data curbs, 8/1, p. 23

Privacy Protection Study Commission:
Privacy panel asks personnel data curbs, 8/1, p. 23

Problem Solving:
More companies adopt quality control circles, 8/1, p. 67
Picking the right consultant, 7/18, p. 40

Product Liability:
Focus group . . . Motivation vs machines, where theory conflicts with reality, 7/4, p. 50
Greater liability for used machine dealers? 12/5, p. 11
Little progress on product liability, 8/29, p. 14
Product liability report critical of insurers, 11/21, p. 29
Viewpoint—"It is high time for those concerned with the defense of product liability cases . . .," 8/29, p. 64

Product Safety: See Safety

Productivity:
Power modules vie with hand-wired controls, 11/21, p. 47
Results win converts for work design, 10/10, p. 71
Updates, 11/7, p. 11
Viewpoint—"It is just because so many people are unemployed and so many are employed at poverty wages that 20% of America's industrial capacity is standing idle," 10/10, p. 103

Profits:
A salute to CEOs, 11/7, p. 9
Basic trends in economy unchanged, 10/10, p. 93
Bethlehem takes 'the big bath', 11/7, p. 15
Direct investment rate slipped in '76, 9/26, p. 15
Incentives pondered for DOD contractors, 7/18, p. 31
Steel cost, profit woes threaten shutdowns, 9/12, p. 19
U. S. contractors: in for more scrutiny? 8/15, p. 97
Viewpoint—"Unless airline earnings improve, the system we know today will begin to deteriorate," 10/10, p. 105

Programmable Controllers:
Programmable controller easily expandable, 9/12, p. 57

Promotions:
Risk-takers get most promotions, 8/1, p. 11
Things they didn't tell me about the new job, 7/18, p. 64

Protectionism:
Elusive answers to protectionism, 12/5, p. 18

Protein:
Getting protein from potato is practical, 8/1, p. 31
Press extracts protein from grass, oil from seeds, 10/24, p. 36

Psychological Tests:
Is reliance on 'shrinks' shrinking? 9/26, p. 11

Public Interest:
The 'other side' fights back, 12/5, p. 30

Public Relations:
Are you ready to make PR pay? 8/15, p. 60

Publications:
"A Day in the Life of Salesman Joe Latham," Research Institute of America Inc., 7/18, p. 11
A Guide to Worker Productivity Experiments in the United States, 1971-1975, Work in America Institute Inc., 11/7, p. 11
The Age of Uncertainty, John Kenneth Galbraith, 8/1, p. 44
An Inexpensive Economical Solar Heating System For Homes, Public Documents Distribution Center, 7/18, p. 76
Annual office personnel report, American Management Assns., 8/29, p. 11
Archives of Internal Medicine, American Medical Assn., 8/29, p. 12
Backpacking: One Step at a Time, Harvey Manning, 10/10, p. 89
Be a Better Employment Interviewer, Personnel Publications, 9/12, p. 11
Bookcase—*The Believable Corporation*, Roger M. D'Aprix, 11/21, p. 88
Bookcase—*Dictionary of Business and Economics*, Christine Ammer and Dean S. Ammer, 11/21, p. 88
Bookcase—*Managing With Style*, Henry O. Golightly, 7/4, p. 68
Bookcase—*Psychology and the Stock Market*, David N. Dreman, 11/21, p. 88
Bookcase—*Sales Negotiation Strategies*, Mack Hanan, Dr. James Cribben, and Howard Berrian, 7/4, p. 68
Bookcase—*Van Nostrand's Scientific Encyclopedia*, Van Nostrand Reinhold Co., 7/4, p. 68
Campgrounds in the National Park System, 10/10, p. 12
Compilation of 250 foreign prospects who want to peruse plant construction, joint ventures, or acquisitions in the U. S. Information, International Trade Group of Ohio Inc., 12/5, p. 118
Directory of in-room steam baths, ThermaSol Ltd., 11/7, p. 87
Directory of Management Education Programs, American Management Assns., 10/24, p. 11
Directory of State and Federal Funds for Business Development, Pilot Books, 8/1, p. 11
Disclosure documents of publicly held companies, Disclosure Inc., 7/4, p. 11
Economic Thickness for Industrial Insulation, Federal Energy Administration, 9/26, p. 11
Federal Government list of occupations most in demand, U. S. Labor Dept.'s Employment & Training Administration, 7/18, p. 101
Guide to tax-free bonds, Scudder Fund Distributors Inc., 8/1, p. 12
Job Safety and Health, Occupational Safety & Health Administration, 8/15, p. 15
Joy of Accomplishment, Stanley Works, 10/24, p. 12
Maximum Performance, By Dr. Laurence E. Morehouse and Leonard Gross, 9/26, p. 37
Membership directory of racquet clubs, Travelers Tennis Inc., 7/4, p. 12
The 1977 Directory of Franchising Organizations, Pilot Books, 8/29, p. 12
1977 National Directory of Free Tourist Attractions, Pilot Books, 12/5, p. 91
Solar Dwelling Design Concepts, Public Documents Distribution Center, 7/18, p. 76
Total Fitness in 30 Minutes a Week, By Dr. Laurence E. Morehouse and Leonard Gross, 9/26, p. 37
U. S. 1978 Gas Mileage Guide for New Car Buyers, Fuel Economy, 11/7, p. 12
"The Way To Go," Recreational Vehicle Industry Assn., 7/18, p. 12
Wheelers Radio Directory, Print Media Services, 11/7, p. 86
Wine Country USA/Canada, Reymont Associates, 11/7, p. 87

Pumps:
New heat pump shows energy-saving promise, 11/7, p. 38

Pyrolysis:
Pyrolysis proves its mettle in refuse, 11/7, p. 43

Q

Quality Control Circles:
More companies adopt quality control circles, 8/1, p. 67

Quality Problems:
More companies adopt quality control circles, 8/1, p. 67

Quebec:
Fight or retreat? Quebec industry ponders 'francization,' 10/10, p. 46
Quebec sets French rules, 9/12, p. 154

Questionnaires:
Drawing a new U. S. economic picture, 9/26, p. 74
Is there still room for bold managers? 12/5, p. 52
What's behind Rosenthal probe? 9/12, p. 153

R

Racquet Clubs:
Away-from-home tennis courts, 7/4, p. 12

Radar:
Radar cuts out clutter, 8/15, p. 36

Radiation:
Half-millimeter radar to penetrate smoke or dust, 7/18, p. 37

Radiation Curing:
Will energy savings sell radiation curing? 8/1, p. 70

Radioactivity:
Radioactivity source cuts fuel-burning pollutants, 12/5, p. 40

Radios:
Management Leisure Time—Coast-to-coast traveling music, 11/7, p. 86

Railroads:
Coal boom? Railroads are ready, 10/10, p. 111
How much will rail trackage shrink? 7/4, p. 16
Management Leisure Time—Europe by train? 11/7, p. 86
Now's your chance, 12/5, p. 12
Rail unions hostile to work rule change bid, 8/29, p. 25
Railroads unveil negotiation strategy, 7/4, p. 16
The fare picture, 8/1, p. 12
VW Rabbits may multiply in 1979, 10/24, p. 16
Will moderation hurt freight car builders? 11/21, p. 106
Will tank car trains move Alaskan crude? 10/24, p. 31

Rates:
New rate plan to hike industry electric bills? 9/12, p. 136

Reactors:
Need heat? Build near a reactor, 8/29, p. 28

Real Estate:
Real estate: still your best bet, 11/21, p. 12

Recreation:
Away-from-home tennis courts, 7/4, p. 12

If any old campground isn't good enough . . . 10/10, p. 12

Recreational Vehicles:
Your RV buying guide, 7/18, p. 12

Recycling:
A better way to recycle waste oil, 9/12, p. 63
Recycling process aids rubber reclamation, 10/10, p. 41
Recycling process extends rubber usefulness, 7/4, p. 36

Redwood National Park:
Forest measure threatens rights, 8/29, p. 69

Refrigerators:
Better refrigerator uses 71% less energy, 8/29, p. 28

Regulations: See Rules & Regulations

Reinforcing Bars:
Rusty reinforcing bars take more pull, 8/29, p. 27

Relays:
Programmable controller easily expandable, 9/12, p. 57

Relocation:
Central source for development data, 8/1, p. 11
Corporate wives: victims of benign neglect? 10/10, p. 86
Employee transfers costly, 8/15, p. 11

Renegotiation Board:
U.S. contractors: in for more scrutiny? 8/15, p. 97

Reports:
Getting information on competitors—legally, 7/4, p. 11

Research & Development:
Computer cuts R&D costs at Goodrich, 12/5, p. 36
R&D spending on rise, 8/1, p. 14

Restructuring:
J&L restructures basic steel operations, 7/18, p. 15

Retirement:
Is retirement at 65 arbitrary and unfair? 7/4, p. 32
Life after work, 9/12, p. 110
New directions in personnel planning? 10/10, p. 11
Will age law changes affect benefit plans? 9/12, p. 15

Rivers:
Record growth looms for barge operators, 7/4, p. 80

Rock:
This way you get fuel from hot rock, 12/5, p. 40

Rodents:
Ultrasonic device controls rodents in factories, 10/24, p. 36

Romania:
Romania plans to invest American, 8/29, p. 70

Rosenthal, Benjamin S. (D, N.Y.):
What's behind Rosenthal probe? 9/12, p. 153

Rubber:
Did union's 'success' dethrone Akron's 'king'? 11/21, p. 70
Fast, accurate control of polymer quality, 11/21, p. 42
Recycling process aids rubber reclamation, 10/10, p. 41
Recycling process extends rubber usefulness, 7/4, p. 36

Rules & Regulations:
Runaway regulation drains management spirit, 8/15, p. 50
Strip mining law will hike coal costs, 8/29, p. 23
Tougher conflict rules being readied, 10/10, p. 117
Uniform controls for chemicals? 8/29, p. 13
Where are the businesswomen? 10/10, p. 117

Russia: See Soviet Union

Rust:
Rusty reinforcing bars take more pull, 8/29, p. 27

S

Safety:
Another blow to OSHA's credibility? 9/26, p. 32
Another OSHA no-no, 7/4, p. 11
As helmuts come off, fatalities go up, 10/10, p. 12
Consumer group sets complaint rules, 12/5, p. 16
Fire codes spur smoke detector sales, 8/29, p. 61
For a safer holiday, 12/5, p. 12
Is OSHA dropping hints? 8/15, p. 15
Passive restraints: active controversy? 7/18, p. 88
Tippy bin ban, 11/21, p. 11

Salaries & Wages:
AMC workers move closer to Big Three, 9/26, p. 15
Business may get youth wage wish, 8/15, p. 16
Can pay hurt a group's motivation? 7/18, p. 11
Federal pay to climb again? 8/1, p. 77
Four increases for minimum pay rate, 11/7, p. 15
GM hikes overtime for 'professionals,' 10/10, p. 16
Manager hiring strong; pay outpaces inflation, 10/24, p. 82
Minimum wage drive losing steam, 7/18, p. 82
Paper pact suggests nationwide pattern, 8/15, p. 16
Pay rises in West Germany, 10/24, p. 102
Paying for the good life, 9/12, p. 11
Railroads unveil negotiation strategy, 7/4, p. 16
Senate will be wage battleground, 9/26, p. 15
West Coast tradesmen still set wage pace, 9/26, p. 26
What should you pay office workers? 8/29, p. 11
Women still lose out in jobs, 12/5, p. 117
World wage pacts are encouraging, 8/15, p. 98

Sales Contact Center:
Statewide program boosts sales contact, 8/15, p. 11

Sales & Marketing:
A day in the life of a salesman, 7/18, p. 11
Aiming for the top? Be a financial man, 11/7, p. 12
Energy costs may crimp sales calls, 7/4, p. 11
Inside sales: not just outside sales training, 9/26, p. 11
Office furniture sales are hot, 7/4, p. 80
'Sizzling' sales for light trucks, vans, 7/4, p. 87
Statewide program boosts sales contacts, 8/15, p. 11

Saws:
Saw without teeth cuts metal faster, 12/5, p. 36

Scanning Transmission Electron Microscope:
Photos of single atoms, 7/18, p. 88

Schmidt, Helmut:
Schmidt has economic support in Basel, 7/18, p. 102

Schoff, Anita McCalment:
Do you understand your secretary? 11/21, p. 90

Scholarships:
College scholarship: a tax-free bonus, 9/26, p. 12

Schools:
The education market: more than books and blackboards, 9/12, p. 64

Scrap:
Huge scrap backlog in U.S., says study, 8/29, p. 62
Scrap shortage looms, study says, 7/18, p. 15

Scrubbers:
No-sludge scrubber begins one-year test, 11/21, p. 31
Ruling questions 'scrubber' standard, 11/7, p. 33
Scrubbers costly clean-air systems that work . . . sometimes, 10/24, p. 66
Will Sohio clean up California powerplant? 10/24, p. 15

Search Warrants:
Anti-OSHA forces keep on winning, 11/7, p. 15

Secretaries:
Do you understand your secretary? 11/21, p. 90

Securities:
Bull market? Investors uncertain, 7/4, p. 12

Securities & Exchange Commission:
Getting information on competitors—legally, 7/4, p. 11
Wall Street questions off-board trading, 10/10, p. 106

Security:
Keeping hand tools out of the lunch box, 11/7, p. 11

Semiconductors:
Liquid-solid solar cells show promise, 8/15, p. 36

Seminars:
Are you an executive who hates to fly? 9/26, p. 12
Updates, 10/10, p. 11

Senate:
Energy Act rushes toward Senate floor, 9/26, p. 25

Separatism:
Fight or retreat? Quebec industry ponders 'francization,' 10/10, p. 46

Sewage Sludge:
Lignite pares cost of treating sewage, 7/18, p. 38

Sewing:
Microcomputer automates hand sewing tasks, 11/7, p. 43

Shapiro, Samuel:
Excellence in Management Awards—Profile of a winner, 11/7, p. 53

Shenefield, John:
Shenefield sets new antitrust priorities, 12/5, p. 19

Sherman Antitrust Act:
A possible update for Sherman, 8/15, p. 97

Shipments:
June a leader in total shipments, 8/29, p. 67
Shipments falter slightly in April, 7/4, p. 89
Shipments pace shows seasonal drop, 8/1, p. 76
Shipments recover upward pace, 11/7, p. 105
Shipments slow almost 12% in July, 10/10, p. 113
U. S. steel shipments recovery is lagging, 8/1, p. 69

Shipping:
All-cargo airline deregulation O.K.'d, 11/21, p. 109
Firms weathering selective dock strike, 11/7, p. 23
Shippers back ICC freer entry ideas, 9/26, p. 31
Shippers finally offer more to dockworkers, 12/5, p. 23
Shipping small parcels becomes big business, 10/10, p. 110
Steel alters shipping to ride out ore strike, 11/21, p. 104

Ships, Shipbuilding:
Alaska oil traffic aids shipbuilders, 8/29, p. 60

Shoes & Boots:
Microcomputer automates hand sewing tasks, 11/7, p. 43

Shopping:
Bargain-hunting, 10/24, p. 12

Shortages:
Coal stockpiles ease worry over strike, 11/7, p. 17
Dual fuel conversion pares cost, downtime, 8/29, p. 28
It's official: West faces power woes, 10/24, p. 101
Main coal shortage: a lack of customers, 12/5, p. 99
Plans shaped for winter fuel pinch, 8/15, p. 15
Scrap shortage looms, study says, 7/18, p. 15
Skilled worker nears extinction, 8/29, p. 38
Substitutes help curb building material shortages, 8/29, p. 29
Worse gas shortage seen for this winter, 7/18, p. 15

Shutdowns:
Steel cost, profit woes threaten shutdowns, 9/12, p. 19
Steel: rescue efforts take shape, 10/24, p. 17

Sierra Club:
Briding an environmental gap, 12/5, p. 11
Sulfates ruling expected soon, 7/18, p. 16

Size:
Leaner cars crowd mid-size market, 9/26, p. 74
New postal standards on letter-size mail, 9/26, p. 11

Skiing:
Management Leisure Time—Ski slopes plan a comeback, 11/7, p. 82
Management Leisure Time—Skiing, tennis enthusiasts look for fit and style, 12/5, p. 89

Skilled Workers:
Skilled worker nears extinction, 8/29, p. 38

Skills:
Skilled worker nears extinction, 8/29, p. 38

Slot Machines:
Slot machines tilt to profit, 9/12, p. 140

Sludge:
Sludge becomes key to water discharges, 12/5, p. 117

Small Business:
Small plants await water cleanup 'ax,' 9/26, p. 23

Smog:
Who pays for smog holidays? 7/18, p. 11

Smoke:
Half-millimeter radar to penetrate smoke or dust, 7/18, p. 37

Smoke Detectors:
Fire codes spur smoke detector sales, 8/29, p. 61

Soaps & Detergents:
Phosphate detergent controversy resurfaces, 8/1, p. 13

Social Performance Index:
Commerce readies social measurement, 11/7, p. 16

Socialism:
Weakness, not bigness, leads to Socialism, 8/1, p. 44

Society of Automotive Engineers:
Auto engineers expand unified number system, 8/15, p. 37

Soil:
Predicting soil shifts cuts excavation accidents, 8/1, p. 31

Solar Cells:
Liquid-solid solar cells show promise, 8/15, p. 36
Solar cells more efficient, 7/4, p. 34

Solar Collectors:
Low-cost solar collectors, 8/15, p. 36

Solar Energy:
Low-cost solar collectors, 8/15, p. 36
Making Mother Nature produce fertilizer naturally, 9/26, p. 36
Management Leisure Time—Solar energy ideas for your home, 7/18, p. 76
Solar energy for office and plant starts to heat up, 10/10, p. 61
Solar projections: take your pick, 7/18, p. 16
Sun will heat your coffee water, 11/21, p. 42

Solvent Refined Coal:
Time to scale up solvent refined coal, 7/18, p. 38

South, The:
Labor making gains quietly in South, 11/21, p. 38

Soviet Union:
Soviet economy will suffer, CIA says, 8/29, p. 70
USSR still wants to buy U. S., 9/26, p. 94
U. S. to be third in steel by 1990, 8/15, p. 98

Spain:
Spain knocks at Europe's door, 11/7, p. 72

Spectrometer:
Instant analysis of elements, 7/18, p. 38

Spending: See Capital Spending

Sphagnum Moss:
This moss gets the metal out, 8/29, p. 27

Sponsorship:
Should you pull strings for the young manager? 9/26, p. 60

Sports:
Management Leisure Time—Catering to the court-conscious, 7/18, p. 73
Management Leisure Time—Ski slopes plan a comeback, 11/7, p. 82
Management Leisure Time—Skiing, tennis enthusiasts look for fit and style, 12/5, p. 89
Management Leisure Time—You're never too old to be a good sport, 8/15, p. 73

Sputtering:
Sputtering may cut auto grill cost in half, 11/7, p. 38

Standards:
Small firms get more standards input, 10/24, p. 11

Stanford University, Graduate School of Business:
Stanford rates as 'best MBA' again, 12/5, p. 11

State Development:
Do states neglect old plants for new? 7/4, p. 40

States:
Sales/use tax rates vary, 10/24, p. 11

Statistics:
Statistical unit 'goes public,' 12/5, p. 28

Statler, Ben:
Manager on the spot—Old ties help mine boss keep fragile peace, 9/12, p. 117

Steam:
Industry wary; no rush to co-generation, 7/4, p. 79

Steam Baths:
Management Leisure Time—In-room steam baths, 11/7, p. 87

Steel:
Exports up, but Japan recovery still ragged, 7/18, p. 97
'Found' water for drought-area plant, 11/21, p. 11
Huge scrap backlog in U. S., says study, 8/29, p. 62
'Local' strikes cut iron ore output, 8/15, p. 23
Plastics are inherently stronger than steel, 8/15, p. 37
Rusty reinforcing bars take more pull, 8/29, p. 27
Scrap shortage looms, study says, 7/18, p. 15
Steel aid: the solution becomes the problem, 12/5, p. 17
Steel alters shipping to ride out ore strike, 11/21, p. 104
Steel engineers eye ways to hike output, 10/10, p. 104
Steel users in trouble as capacity shrinks, 11/7, p. 19
U. S. steel shipments recovery is lagging, 8/1, p. 69
Viewpoint—"Last year, over 14 million tons of foreign steel came in," 10/10, p. 36
Zinc coat process tempers and protects, 7/4, p. 34

Steel Communities Coalition:
Steel cities plan help for 'their' industry, 9/26, p. 19

Steel Equipment:
Steel engineers eye ways to hike output, 10/10, p. 104

Steel Industry:
A vote for dirty air—or more steel jobs? 11/21, p. 16
Benchmark prices: a cure for steel? 11/21, p. 24
Bethlehem takes 'the big bath', 11/7, p. 15
Continued help for specialty steel? 10/10, p. 25
CEP report on steel: 'sloppy—or distorted,' 10/10, p. 15
Dust filtration in half the space, 10/10, p. 41
Environmental groups fight changes in law, 10/10, p. 25
Foreign steelmakers offer export curbs, 10/24, p. 19
How Japan Inc. undercuts U. S. steelmakers, 10/10, p. 17
J&L restructures basic steel operations, 7/18, p. 15
Mahoning water dispute resolved, 7/4, p. 24
More bad news in steel, 9/26, p. 17
Smaller trade cushion for specialty steel? 8/29, p. 70
Steel aid: the solution becomes the problem, 12/5, p. 17
Steel cities plan help for 'their' industry, 9/26, p. 19
Steel cost, profit woes threaten shutdowns, 9/12, p. 19
Steel: rescue efforts take shape, 10/24, p. 17
Steel ruling may spell relief, 10/10, p. 25
Steel seeks new lids on foreign steel, 7/18, p. 94
Steel's somber story produces layoffs, 8/29, p. 19
Steel users in trouble as capacity shrinks, 11/7, p. 19
Washington pressured by steel's troubles, 10/10, p. 24
'Who the hell wants to catch trout in the Mahoning River?' 10/10, p. 19
Will Japanese seek U. S. steel foothold? 9/26, p. 16
Will Justice O.K. new steel merger? 11/21, p. 15
Will steel, autos follow radios and TVs? 10/10, p. 9

Steel Production:
U. S. to be third in steel by 1990, 8/15, p. 98

Sterility:
Worker sterility linked to pesticide, 9/12, p. 15

Stock Exchange:
Bulls are winning, 8/15, p. 16
Wall Street questions off-board trading, 10/10, p. 106

Stockpiles:
Stockpile again open for business, 11/7, p. 109

Stocks: Also see Bonds; also see Investments
A ringing investment, 9/12, p. 12
Amid good news, why the gloom? 8/29, p. 59
More declines for stock market? 12/5, p. 12
More firms buy their own stock, 8/29, p. 14
Put your money on dirty hair, 7/18, p. 12
Sluggish market good for patient investor, 8/15, p. 12
Tire stocks run flat, 9/26, p. 12

Strauss, Robert S.:
Will Strauss overplay his trade hand? 8/15, p. 98

Stress:
Managing in an age of anxiety, 10/24, p. 52

Strikes:
A 'coal embargo' shapes up for fall, 7/4, p. 17
A partial answer on aid to strikers, 7/4, p. 15
Coal stockpiles ease worry over strike, 11/7, p. 17
Container issue haunts dockworker strike, 10/10, p. 31
Court leaves strike aid muddled, 11/21, p. 15
Disharmony continues in aerospace talks, 12/5, p. 23
Firms weathering selective dock strike, 11/7, p. 23
Idleness approaches ten-year low, 9/12, p. 16
Iron ore glut reduces miner strike's impact, 9/12, p. 147
'Local' strikes cut iron ore output, 8/15, p. 23
Long strike likely as coal pact nears end, 11/21, p. 19
Politicking permeates iron ore discord, 12/5, p. 16
Shippers finally offer more to dockworkers, 12/5, p. 23
Should strikers get food stamps? 8/15, p. 97
Steel alters shipping to ride out ore strike, 11/21, p. 104
Why Ray Marshall won't get involved, 8/15, p. 15

Strip Mining:
Strip mining law will hike coal costs, 8/29, p. 23

Student Loans:
New benefit trends? 8/29, p. 11

Students:
Summer jobs for students still scarce, 7/4, p. 74

Subordinates:
Should you pull strings for the young manager? 9/26, p. 60
When you have a dynamic follower, 9/26, p. 56

Sulfates:
Sulfates ruling expected soon, 7/18, p. 16

Sulfur:
Sulfur strengthens cement, 10/10, p. 42

Sunlight:
Chemical converts sunlight to fuel, 10/24, p. 36

Sun-Temp Alpha:
Heat transfer fluid works from 0 F to 600 F, 11/21, p. 47

Surveys:
Aiming for the top? Be a financial man, 11/7, p. 12
Capital investment adds strength to outlook, 7/4, p. 73
Executives view '78 with caution, 12/5, p. 98
Growing sympathy for oil firms? 8/29, p. 14
Hiring to be strong through yearend, 10/10, p. 103
Manager hiring strong; pay outpaces inflation, 10/24, p. 82
More to outlook than numbers, 11/21, p. 9
Risk-takers get most promotions, 8/1, p. 11
Skilled worker nears extinction, 8/29, p. 38
Stanford rates as 'best MBA' again, 12/5, p. 11
Uncertainty clouds outlook, 11/21, p. 61

Swimming:
First, tennis elbow; now, swimmer's knee, 11/21, p. 12

Swimming Pools:
Management Leisure Time—Building a pool? Follow these tips, 9/12, p. 126

Synchroscope:
Unit aids inspection of preprinted webs, 8/29, p. 27

Synthetic Organic Chemical Manufacturers Assn.:
Will toxic rulemaking stifle industry's voice? 7/18, p. 16

T

Takeovers:
Changes coming in takeover defenses, 11/7, p. 96
Will Japanese seek U. S. steel foothold? 9/26, p. 16

Tank Cars:
Will tank car trains move Alaskan crude? 10/24, p. 31

Tankers:
Alaska oil traffic aids shipbuilders, 8/29, p. 60

Tantalum Carbide:
Tantalum carbide is one of our hardest substances, 8/1, p. 31

Tar:
Compound reduces tar in cigarettes, 11/7, p. 38

Tardiness:
A doctor a day keeps the worker away, 7/18, p. 11

Tariffs:
Japanese tariffs will fall by spring, 12/5, p. 118
Trade talks move amid chemical fear, 11/21, p. 118

Tax Credit:
Cleanup credit chances slim—now, 7/18, p. 101

Taxes, Taxing:
A home—and tax—down payment, 7/4, p. 12
Another delay for '911' tax rules, 10/10, p. 118
Another travel tax reprieve, 8/15, p. 12
Aussies encourage oil, gas searches, 9/26, p. 94
Cleanup credit chances slim—now, 7/18, p. 101
College scholarship: a tax-free bonus, 9/26, p. 12
DISC and double tax likely to go, 8/1, p. 77
Don't 'fence' with the IRS, 11/21, p. 12
Get your two-cents' worth, 10/24, p. 12
Guide to tax-free bonds, 8/1, p. 12
In tax reform . . . Business wants capital formation incentives, 9/12, p. 17

Incomes outdone by tax-flation, 9/26, p. 73
Industrial gas tax called ineffective, 7/4, p. 15
Insulate before the rush, 7/18, p. 12
IRS won't recognize yearend tax divorces, 8/29, p. 12
Living with LIFO: no complaints, 8/15, p. 84
Need to cut taxes? Try lending money, 9/12, p. 12
Quick tax cut gains supporters, 12/5, p. 97
Sales use tax rates vary, 10/24, p. 11
Taxes boosting gasoline prices, 9/26, p. 12
Taxes, taxes, and more taxes, 9/26, p. 9
Tell IRS about an iffy deduction? 8/1, p. 12
The 'designated' parent tax deduction, 10/10, p. 12
Waterway tax sure to surface, 11/7, p. 16
What's behind Rosenthal probe? 9/12, p. 153
Will tax shift 'reform' business entertaining? 11/21, p. 98
Yearend tax juggling, 12/5, p. 12

Teamsters:
Trucking industry split won't last, 9/26, p. 31

Technology:
Goodbye technology, farewell future, 9/12, p. 72
Mexican, Brazil laws work against investors, 10/10, p. 118
Process cuts polyethylene cost, 12/5, p. 105
Technology boosts powder-metal parts, 10/24, p. 83
The good old days? No thanks! 9/12, p. 9

Telephones:
A ringing investment, 9/12, p. 12
Europe calling, toll-free, 11/21, p. 118

Television:
Advertisers struggle to shun TV violence, 9/12, p. 27
High ratings for employee TV news, 10/24, p. 11
More color in Pacific TV picture, 9/26, p. 94
TV violence: the effect on children, 9/12, p. 12

Tennis:
Away-from-home tennis courts, 7/4, p. 12
Management Leisure Time—Catering to the court-conscious, 7/18, p. 73
Management Leisure Time—No limit to racquet size, 7/18, p. 74
Management Leisure Time—Skiing, tennis enthusiasts look for fit and style, 12/5, p. 89
Playing with a tennis elbow, 9/26, p. 12

Tennis Racquets:
Management Leisure Time—No limit to racquet size, 7/18, p. 74

Termination:
Prepare a 'pink slip' plan, 10/10, p. 11

Testifying:
Testifying in D.C.? Capitalize on it, 7/4, p. 60

Testing: See Inspection & Testing

Textiles:
Fibers battle for textile market, 12/5, p. 110
Little change in textile, apparel import formula, 8/1, p. 19
These textiles take a dye better, 10/10, p. 41

Theft:
Firms too lenient on crime, says study, 12/5, p. 11
Keeping hand tools out of the lunch box, 11/7, p. 11

Theme Parks:
Industry is becoming a theme park attraction, 8/1, p. 28

Thompson, Elizabeth W.:
Corporate wives: victims of benign neglect? 10/10, p. 86

Tires:
Did union's 'success' dethrone Akron's 'king'? 11/21, p. 70
Radial tires remember, but do you? 11/7, p. 12
Tire stocks run flat, 9/26, p. 12
Tiremakers enter fuel-economy race, 8/15, p. 92

Tools, Tooling:
Is nontraditional machining breaking new ground? 8/15, p. 38
Keeping hand tools out of the lunch box, 11/7, p. 11
Machine tool builders ready to fight dumping, 11/7, p. 18

Torches:
Weld torch cuts gas use 80%, 9/12, p. 63

Toxic Substances:
It looks like a long toxic chemical battle, 8/1, p. 26
Need data on waste disposal? 11/21, p. 47
Toxic substances rules begin to take shape, 12/5, p. 16

Toxics:
Litigation will stall OSHA toxic standards, 10/24, p. 15
Water pollution law . . . Congress concedes some mid-course corrections', 11/21, p. 17
Will toxic rulemaking stifle industry's voice? 7/18, p. 16

Toys:
Changing markets bring turmoil to toys, 10/24, p. 93

Trackage:
How much will rail trackage shrink? 7/4, p. 16

Trade:
A trade trio for Geneva, 9/26, p. 94
Argentina lifts more trade curbs, 9/12, p. 154
China trade outlook for equipment better, 8/29, p. 70
China trade seen back on the rise, 12/5, p. 98
Continued help for specialty steel? 10/10, p. 25
Do smaller U. S. cars fit world markets? 10/24, p. 22
Elusive answers to protectionism, 12/5, p. 18
EC readies trade tie to China, 11/7, p. 110
Free trade and protection, 8/1, p. 78
Hungary shops for more U. S. trade, 12/5, p. 118
Israel seeks U. S. firms for EC sales, 7/4, p. 94
Japan offers aid to world travelers, 10/24, p. 102
Japan trade power consolidated, 7/18, p. 102
Japanese tariffs will fall by spring, 12/5, p. 118
Keeping Congress up on trade, 9/12, p. 153
Reducing U. S. deficit with Japan, 10/24, p. 16
Romania plans to invest American, 8/29, p. 70
Should U. S. take 'crash' action to cut trade deficit? 8/1, p. 17
Smaller trade cushion for specialty steel? 8/29, p. 70
Top-level China trade group here, 9/12, p. 154
Trade deficit shades outlook, 10/24, p. 81
Trade-offs likely on labor law changes, 8/29, p. 13
Trade talks move amid chemical fear, 11/21, p. 118
Trade winners and losers for 1977, 9/12, p. 154
Trade with Vietnam: no deals for U. S., 11/21, p. 108
USSR still wants to buy U. S. 9/26, p. 94
U. S. prepares for Sept. 1 trade start, 7/4, p. 94
Will Carter seek new trade aid? 12/5, p. 118
Will steel, autos follow radios and TVs? 10/10, p. 9
Will Strauss overplay his trade hand? 8/15, p. 98

Trade Associations:
Major builders fight local construction 'tax,' 9/12, p. 32

Trade Deficit:
Debt is behind likely East-West slowdown, 8/15, p. 98
Reducing U. S. deficit with Japan, 10/24, p. 16
Should U. S. take 'crash' action to cut trade deficit? 8/1, p. 17
Trade deficit shades outlook, 10/24, p. 81
Viewpoint—"This year, the United States will run a trade deficit in excess of $25 billion, the largest in our history," 11/7, p. 100

Trade Secrets:
Sleuthing the opposition—does anything go? 11/21, p. 52

Trade Shows:
Competition toughens in industrial goods, 11/7, p. 100
Materials, energy cast shadows on packaging, 11/7, p. 102
Steel engineers eye ways to hike output, 10/10, p. 104

Training:
Inside sales: not just outside sales training, 9/26, p. 11
Where to get management training, 10/24, p. 11

Transfers:
Don't rush overseas transfer, 7/18, p. 11
Employee transfers costly, 8/15, p. 11

Transplants:
Artificial blood vessels look promising, 7/18, p. 12

Transportation:
Record growth looms for barge operators, 7/4, p. 80

Trash Bins:
Tippy bin ban, 11/21, p. 11

Travel:
A very different vacation, 8/15, p. 12
Another travel tax reprieve, 8/15, p. 12
Energy costs may crimp sales calls, 7/4, p. 11
Management Leisure Time—Isles of Scilly: a British escape, 9/12, p. 127
Management Leisure Time—Want 'to pack it in? 10/10, p. 89
New York-London bargain fares, 8/29, p. 12
The fare picture, 8/1, p. 12
Women cope with being 'on the road,' 8/1, p. 38

Travelers Tennis:
Away-from-home tennis courts, 7/4, p. 12

Treble Damage:
Bill would restore treble damage option, 8/15, p. 15

Tree Farms:
Manager on the spot—Today's Paul Bunyan does more than chop trees, 7/18, p. 52

Trees:
One plant furnishes food, feed, fuel, 10/24, p. 33

Trends: See Economic Trends

Trucks:
'Sizzling' sales for light trucks, vans, 7/4, p. 87
Truck tests show ways to save fuel, 11/7, p. 101
Truck turbine engine meets emission limits, 8/15, p. 37
Trucking industry split won't last, 9/26, p. 31
Yen spiral blunts forklift imports, 9/12, p. 142
Zone expansion hasn't sliced trucking rates, 7/18, p. 33

Truth Detectors:
Truth detectors simplified, 12/5, p. 40

Tubes, Tubing:
Typewriter aids identifying shrink tubing, 8/1, p. 30

Turbines:
Truck turbine engine meets emission limits, 8/15, p. 37

Typewriters:
Typewriter aids identifying shrink tubing, 8/1, p. 30

U

Ultrasonics:
Ultrasonic device controls rodents in factories, 10/24, p. 36
Ultrasonic test of metal's fracture toughness, 11/21, p. 42

Unemployment: See Employment/Unemployment

Unemployment Compensation:
Court leaves strike aid muddled, 11/21, p. 15

Unemployment Insurance:
States meet new unemployment funding rules, 11/21, p. 16

Unified Numbering System:
Auto engineers expand unified number system, 8/15, p. 37

USSR: See Soviet Union

Unions:
Aerospace unions seek pension extensions, 8/15, p. 86
AMC, UAW to try for new pact, 9/12, p. 15
Did union's 'success' dethrone Akron's 'king'? 11/21, p. 70
Difficulties likely in lead, zinc bargaining, 8/15, p. 24
EPA courting the unions, 11/21, p. 15
It's time to reload, quickly! 8/15, p. 9
Labor making gains quietly in South, 11/21, p. 38
Rail unions hostile to work rule change bid, 8/29, p. 25
Railroads unveil negotiation strategy, 7/4, p. 16
UAW leaves AFL-CIO at the alter again, 10/24, p. 16

United Arab Emirates:
Mideast is no easy mark, 10/24, p. 42

United Assn. of the Plumbing & Pipe Fitting Industry:
West Coast tradesmen still set wage pace, 9/26, p. 26

United Auto Workers:
AMC, UAW to try for new pact, 9/12, p. 15
AMC workers move closer to Big Three, 9/26, p. 15
GM hikes overtime for 'professionals,' 10/10, p. 16
Paid legal services a UAW goal in 1979? 8/1, p. 26
UAW leaves AFL-CIO at the alter again, 10/24, p. 16

United Kingdom: See Great Britain

United Mine Workers of America:
A 'coal embargo' shapes up for fall, 7/4, p. 17
Coal stockpiles ease worry over strike, 11/7, p. 17
Container contract beats steel, aluminum on security gains, 11/21, p. 16
Long strike likely as coal pact nears end, 11/21, p. 19
Miller retains UMWA leadership, 10/24, p. 16
Politicking permeates iron ore discord, 12/5, p. 16

United Nations Law of the Sea Conference:
Sea law optimism goes under, 7/4, p. 16

United States:
Will America's prosperity formula keep on working? 8/1, p. 58

U. S. International Trade Commission:
Smaller trade cushion for specialty steel? 8/29, p. 70

United Steelworkers of America:
Canmaker labor talks should go smoothly, 9/12, p. 21

Iron ore glut reduces miner strike's impact, 9/12, p. 147
'Local' strikes cut iron ore output, 8/15, p. 23

Universities:
Stanford rates as 'best MBA' again, 12/5, p. 11

Used Computers:
New life for used computers, 8/29, p. 67

Utah:
Greater liability for used machine dealers? 12/5, p. 11

Utilities:
Costly surprises await utilities, 9/12, p. 15
Manager on the spot—Utility official ready for rugged winter, 12/5, p. 83
Ruling questions 'scrubber' standard, 11/7, p. 33
Scrubbers costly clean-air systems that work . . . sometimes, 10/24, p. 66
Will utilities finance insulation's boom? 7/18, p. 95

V

Vacations:
A *very* different vacation, 8/15, p. 12
Vacation 'freebies', 12/5, p. 91
Your RV buying guide, 7/18, p. 12

Vans:
'Sizzling' sales for light trucks, vans, 7/4, p. 87

Video Equipment:
Inspection system sees, identifies parts, 9/26, p. 34
Picture bright for home video recorders, 9/26, p. 82

Video Tape Recorders:
Picture bright for home video recorders, 9/26, p. 82

Vietnam, North:
Trade with Vietnam: no deals for U. S., 11/21, p. 108

Viewpoint:
". . . an anti-business attitude has no constituency in this Administration;" 7/18, p. 90
"As antitrust enforcers . . . ," 7/18, p. 36
"Because of mounting public concern—and regulatory pressure—regarding the safety of chemical substances," 12/5, p. 103
"By the year 2000, of the 65.4 million barrels of oil equivalent we would be consuming each day, 45 million of them would have to be imported," 9/12, p. 140
"Creative money comes primarily from one source . . . ," 7/18, p. 82
"Economic growth is an essential precondition for the creation of a more equal society," 9/12, p. 139
"Evaluation of management performance ought to include consideration of corporate social contribution," 11/21, p. 108
"Good, bad, indifferent—an image is what people perceive you to be," 7/4, p. 80
"Had Noah faced the same array of health, safety, labor, environmental, accountability, and disclosure laws that most international businessmen face today . . . ," 8/29, p. 66
"It is high time for those concerned with the defense of product liability cases . . . ," 8/29, p. 64
"It is just because so many people are unemployed and so many are employed at poverty wages that 20% of America's industrial capacity is standing idle," 10/10, p. 103
"Last year, over 14 million tons of foreign steel came in," 10/10, p. 36
"On the surface, opposition to consumer advocacy bills now in Congress . . . ," 8/29, p. 61
"One department of government . . . set standards for emission control . . . ," 10/10, p. 38
". . . The institution of collective bargaining . . . ," 8/29, p. 62
"The government can't have it both ways and still be responsive to the needs of the American people . . . ," 12/5, p. 105
"The more government spends and does," 8/29, p. 24
". . . The people who engage in price fixing . . . ," 7/18, p. 88
"The point is that although we are creating more jobs, we are not creating them fast enough . . . ," 11/21, p. 109
"There is the allegation that much geographical redistribution of employment is the result of firms migrating," 12/5, p. 105
"This year, the United States will run a trade deficit in excess of $25 billion, the largest in our history," 11/7, p. 100
"Unless airline earnings improve, the system we know today will begin to deteriorate," 10/10, p. 105

Violence:
Advertisers struggle to shun TV violence, 9/12, p. 27
TV violence: the effect on children, 9/12, p. 12

Voice:
The voice can throw you, 8/29, p. 11

Voice Pitch Analysis:
The voice can throw you, 8/29, p. 11

W

Wages: See Salaries & Wages

Warde, George A.:
Manager on the spot—Fate of a foreign airlines falls on a Yankee, 8/29, p. 50

Warranties:
Crackdown coming on auto warranties? 11/21, p. 26

Washington, D. C.:
Washington's lure snares many executives, 8/29, p. 34

Washington Legal Foundation:
The 'other side' fights back, 12/5, p. 30

Waste:
Magnetic fluid aids nonferrous salvage, 7/18, p. 37
Sludge becomes key to water discharges, 12/5, p. 117
This moss gets the metal out, 8/29, p. 27

Waste Disposal:
Need data on waste disposal? 11/21, p. 47
Pyrolysis proves its mettle in refuse, 11/7, p. 43
Waste exchanges due for a boost, 7/4, p. 33

Waste Exchange:
Waste exchanges due for a boost, 7/4, p. 33

Waste Removal:
Cryogenic crushing sorts out polyvinyl chloride, 10/24, p. 33

Waste Treatment:
Hydrogen peroxide cuts 'biochem' oxygen demand, 10/10, p. 41
Magnets eliminate water pollutants, 10/24, p. 36

Water:
Churning water for heat and profit, 9/26, p. 36
Environmental groups fight changes in law, 10/10, p. 25
EPA gets tough on water violators, 8/29, p. 22
'Found' water for drought-area plant, 11/21, p. 11
House holds key to water amendments, 8/29, p. 21
Magnets eliminate water pollutants, 10/24, p. 36
Mahoning water dispute resolved, 7/4, p. 24
Now, three kinds of water pollution, 12/5, p. 15
Record growth looms for barge operators, 7/4, p. 80
Senate cranks up on water amendments, 7/18, p. 23
Sludge becomes key to water discharges, 12/5, p. 117
Steel ruling may spell relief, 10/10, p. 25
Water law changes draw closer, 9/26, p. 15
Water pollution law . . . Congress concedes some 'mid-course corrections,' 11/21, p. 17

Water-borne Coatings:
Water-borne coatings: panacea or expedient? 8/29, p. 64

Waterways:
Waterway tax sure to surface, 11/7, p. 16

Weather:
Plans shaped for winter fuel pinch, 8/15, p. 15

Weight:
Fast, accurate control of polymer quality, 11/21, p. 42
Leaner cars crowd mid-size market, 9/26, p. 74

Welding:
Certify welders to ensure quality, 11/21, p. 11
Device proof-tests flange weld easily, 9/12, p. 63
Electron-beam welder in big growth spurt, 12/5, p. 112
Weld torch cuts gas use 80%, 9/12, p. 63

Welfare:
A partial answer on aid to strikers, 7/4, p. 15
Private-sector work: welfare reform key, 8/1, p. 77

Wendel, William H.:
Excellence in Management Awards—Profile of a winner, 11/7, p. 53

West, The:
It's official: West faces power woes, 10/24, p. 101

Western Reserve Economic Development Assn.:
Steel cities plan can help for 'their' industry, 9/26, p. 19

White House:
White House slates winter economic meet, 10/10, p. 117

White House Council on Wage & Price Stability:
Bosworth is no empire builder, 9/26, p. 93

Whitecollar Workers:
GM hikes overtime for 'professionals,' 10/10, p. 16

Wholesale Prices:
Lower inflation rates brighten outlook, 8/29, p. 53

Window Shades:
Take some heat off air conditioning bills, 7/4, p. 12

Wine:
Management Leisure Time—Wine-d up your vacation, 11/7, p. 87

Winning:
If you don't compete, your lesser self will win, 9/26, p. 37

Wives:
Corporate wives: victims of benign neglect? 10/10, p. 86

Women:
Heavy drinking hits women harder, 8/29, p. 12

Women in Business:
Do you understand your secretary? 11/21, p. 90
Updates, 8/15, p. 11
Where are the businesswomen? 10/10, p. 117
Women cope with being 'on the road,' 8/1, p. 38
Women still lose out in jobs, 12/5, p. 117

Wood:
Fireplace fuel, 11/21, p. 12
The Joy of What? 10/24, p. 12

Work Design:
Results win converts for work design, 10/10, p. 71

Work Rules:
Rail unions hostile to work rule change bid, 8/29, p. 25

Workaholics:
Are you a workaholic? 11/21, p. 12

Worker Participation Programs:
Would you trust your workers with a decision? 8/1, p. 50

Workmen's Compensation:
Let states keep workers compensation, 9/26, p. 93

Workshops:
Energy workshops: take your pick, 7/4, p. 11
Media-minded managers, 11/21, p. 11

Workstations:
Workstations enhance jobs at Citibank, 10/10, p. 40

Workweek:
Updates, 8/15, p. 11

World Import Mart:
Japan offers aid to world travelers, 10/24, p. 102

World Market:
Do smaller U. S. cars fit world markets? 10/24, p. 22

World Trade:
Trade talks move amid chemical fear, 11/21, p. 118

Y

Yankelovich, Daniel:
Managing in an age of anxiety, 10/24, p. 52

Youth:
More federal help to fight joblessness, 9/26, p. 93
Should you pull strings for the young manager? 9/26, p. 60

Youth Wage:
Business may get youth wage wish, 8/15, p. 16

Yugoslavia:
Yugoslav office easier to get, 11/21, p. 118
Yugoslavia set new office rules, 9/26, p. 94

Z

Zinc:
A breakthrough in zinc applications? 10/10, p. 31
Difficulties likely in lead, zinc bargaining, 8/15, p. 24
Dime-size battery gives twice the life, 9/26, p. 34
Zinc coat process tempers and protects, 7/3, p. 34

Zincquench:
Zinc coat process tempers and protects, 7/4, p. 34

Zones:
Zone expansion hasn't sliced trucking rates, 7/18, p. 33

Zoo:
Updates, 11/7, p. 11

COMPANY INDEX

A

Airbus Industrie of North America Inc.:
Manager on the spot—Fate of foreign airliner falls on a Yankee, 8/29, p. 50

Alcan Pipeline Co.:
Congress, Carter O.K. Alcan gas project, 11/21, p. 15
El Paso drops Alaska gas line bid, 10/10, p. 15

Allegheny Airlines Inc.:
Flying made 'simple,' 9/12, p. 12

Amana Refregeration Inc.:
Manager on the spot—Amana's George Foerstner rocks appliance industry, 8/15, p. 44

Amax Inc.:
An end of an era? 7/18, p. 9

American Motors Corp.:
AMC, UAW to try for new pact, 9/12, p. 15
AMC workers move closer to Big Three, 9/26, p. 15
Can Concord trigger comeback for AMC? 9/12, p. 134
Manager on the spot—An embattled auto vetran refuses to knuckle under, 11/21, p. 80

American Telephone & Telegraph Co.:
High ratings for employee TV news, 10/24, p. 11
Job security is phone workers' goal, 7/4, p. 31

Amway Corp.:
Will America's prosperity formula keep on working? 8/1, p. 58

Anheuser-Busch Inc.:
Time-honored fuel saver, 9/12, p. 11

B

Bethlehem Steel Corp.:
Bethlehem takes 'the big bath', 11/7, p. 15
Steel's somber story produces layoffs, 8/29, p. 19

Boston Gas Co.:
Manager on the spot—Utility official ready for rugged winter, 12/5, p. 83

C

California Air Resources Board:
Will Sohio clean up California powerplant? 10/24, p. 15

Carriers Management Inc.:
Trucking industry split won't last, 9/26, p. 31

Chrysler Corp.:
Ford joins GM in two-tiered price plan, 10/24, p. 15
Paid legal services a UAW goal in 1979? 8/1, p. 26

Citibank, International Banking Group Services Management Div.:
Workstations enhance jobs at Citibank, 10/10, p. 40

Crown American Corp.:
Manager on the spot—Learning to deal with disaster, 9/26, p. 46

Cummins Engine Co.:
A multinational pioneer maps the right paths, 9/26, p. 50

D

Domestic International Sales Corp.:
DISC and double tax likely to go, 8/1, p. 77

Dow Chemical Co.:
Worker sterility linked to pesticide, 9/12, p. 15

E. I. du Pont de Nemours & Co.:
Bridging an environmental gap, 12/5, p. 11

E

El Paso Co.:
El Paso drops Alaska gas line bid, 10/10, p. 15

F

FMC Corp.:
Manager on the spot—FMC's Malott spreads executive power, 10/10, p. 79

Ford Motor Co.:
Ford joins GM in two-tiered price plan, 10/24, p. 15
Manager on the spot—Complying with regulators demands new 'steering' skills, 10/24, p. 61

G

General Motors Corp.:
Ford joins GM in two-tiered price plan, 10/24, p. 15
GM hikes overtime for 'professionals,' 10/10, p. 16
Manager on the spot—A corporate captain calls for more candor, 8/1, p. 46

General Tire & Rubber Co.:
Employee benefits' 'road show,' 11/21, p. 11

H

Honda Motor Co.:
Honda plant for Ohio? 10/10, p. 15
Honda will build auto plant in Ohio, 11/7, p. 15

I

International Business Machines Corp.:
More firms buy their own stock, 8/29, p. 14

International Business Machines Corp., General Business Group:
Don't rush overseas transfer, 7/18, p. 11

J

Jones & Laughlin Steel Corp.:
J&L restructures basic steel operations, 7/18, p. 15

K

Kaiser Steel Corp.:
Steel's somber story produces layoffs, 8/29, p. 19

L

LTV Corp.:
Will Justice O.K. new steel merger? 11/21, p. 15

LOOP Inc.:
One deepwater port lives; another slips, 8/15, p. 24

Lykes Corp.:
Will Justice O.K. new steel merger? 11/21, p. 15

N

Northern Indiana Public Service Co.:
No-sludge scrubber begins one-year test, 11/21, p. 31

O

Occidental Chemical Co.:
Worker sterility linked to pesticide, 9/12, p. 15

R

Republic Steel Corp.:
Mahoning water dispute resolved, 7/4, p. 24

Republic Steel Corp., Steel & Tubes Div.:
Updates, 11/7, p. 11

S

Shell Oil Co.:
Worker sterility linked to pesticide, 9/12, p. 15

Sperry Rand Corp.:
Manager on the spot—Should multinationals be swept under the regulatory rug? 11/7, p. 44

Standard Oil Co. of Ohio:
Sohio pipeline partway home, 12/5, p. 15
Sohio still hopeful about oil pipeline, 9/12, p. 24
Will Sohio clean up California powerplant? 10/24, p. 15

Steelcase Inc.:
'Found' water for drought-area plant, 11/21, p. 11

T

Trucking Employers Inc.:
Trucking industry split won't last, 9/26, p. 31

U

Union Carbide Corp.:
ERDA ends funding for Coalcon project, 9/12, p. 16

U. S. Steel Corp.:
Mahoning water dispute resolved, 7/4, p. 24
U. S. steel shipments recovery is lagging, 8/1, p. 69

V

Volkswagen Mfg. Corp. of America:
VW Rabbits may multiply in 1979, 10/24, p. 16

W

Wang Laboratories Inc.:
Top of small computer market gets new entry, 10/24, p. 91

Weyerhaeuser Co.:
Manager on the spot—Today's Paul Bunyan does more than chop trees, 7/18, p. 52

Y

Youngstown Sheet & Tube Co.:
'Who the hell wants to catch trout in the Mahoning River?' 10/10, p. 19